Product Datasheet

MUC1 Antibody (MUC1/955) [Janelia Fluor® 669] NBP2-47884JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

www.novusbio.com

technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NBP2-47884JF669

Updated 8/20/2024 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications Submit a review at www.novusbio.com/reviews/destination/NBP2-47884JF669



NBP2-47884JF669

MUC1 Antibody (MUC1/955) [Janelia Fluor® 669]

Product Information Unit Size 0.1 ml Concentration Please see the vial label for concentration. If unlisted please contact technical services. Storage Store at 4C in the dark. Clonality Monoclonal Clone MUC1/955 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate Janelia Fluor 669 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description Mouse Gene DD 4582 Gene Symbol MUC1 Species Human, Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody neacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determlined. MUC1 is a large cell surface munoin including mammary gland and some hematopoletic cells. It is expressed abundantly in 90% breast carcinomas and metastases. Transgenic cells. It is a large cell surface munoin in lactating mammary gland as not over expressed abundantly in 90% breast carcinomas and metastases. Transgenic cells. It is expressed and anter at hade mepeat domain. The landem repeat domain is highly 0.90ycosylated and atterrations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone	, C	•
Concentration Please see the vial label for concentration. If unlisted please contact technical services. Storage Store at 4C in the dark. Clonality Monoclonal Clone MUC1/955 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate Janelia Fluor 669 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description Mouse Gene ID 4582 Gene ID 4582 Gene Symbol MUC1 Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody nearts with MUC1. The dominant epitope of this monoclonal antibody nearts with most of were expressed domandly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four -cerbfs receptors and over expressed domaindly in 90% breast carcinomas and testates. The major expressed domain the single expressed on and to a specificity see shown to associate with all four -cerbfs receptors and localize with -cerbfs ICEFR in lactating different alternatively splicid variants. The major expressed domain the single expressed on and to targe expressed and and the ore expressed andunantly in 90% bre	Product Information	
services. Storage Store at 4C in the dark. Clonality Monoclonal Clone MUC1/955 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate Janelia Fluor 669 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description House Gene ID 4582 Gene Symbol MUC1 Species Human and Mouse Reactivity Notes Human and Mouse Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody reacts with MUC1 is a large cell surface musi glycoprotein expressed by most giandular and ductal epithelial eals and some hematopoietic cells. It is expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to a associate with all four c-erbB receptors and localize with eal produces several different alternatively spliced variants. The major expressed boundantly in 90% breast carcinoma in bome horm topoietic cells. It is extracellular tandem repeat domain. The tandem repeat domain is highly 0 glycosylated and alterations in glycosylated in harder redeted marken is dever exons and is a type 1 transmembrane protein with al large extracellular tandem repeat domain is highly 0 glycosylated and alterations in glycosylation have been shown to entife lis and sore expresse	Unit Size	0.1 ml
Clonality Monoclonal Clone MUC1/955 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate Janelia Fluor 669 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description House Gene ID 4582 Gene Symbol MUC1 Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epitheliar cells and some hematopoietic cells. It is expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in 90% breast carcinomas and metastages. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB1 (EGFR) in lactating glands. The MIJC1 usee and is a type 1 transmembrane protein with altage extracellular tandem repeat domain. The tandem repeat domain is highly O glycosylated and alteration gland. The MIJC1 usee all seven exons and is a type 1 transmetare protein with a large extracellular tandem repeat domain is highly O glycosylated and alterating in globie and repeat domain is highly O glycosylated and alteration gland. The MIJC1 us	Concentration	•
Clone MUC1/955 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate Janelia Fluor 669 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description Host Mouse Gene ID Gene ID 4582 Gene Symbol MUC1 Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody has not yet been determined. MUC1 has large cell surface much glycoprotein expressed promost scretory epithelium, including mammary gland and some hematopoietic cell. It is expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with alt four c-erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has alarge octellut at alterations in glycosylation have been shown in epithelial cancer cells. Altidox auterations in glycosylatid nat large extracellular tandem repeat domain. The tandem repeat domain is highly O glycosylated and alterations in glycosylatid marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membrane	Storage	Store at 4C in the dark.
Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate Janelia Fluor 669 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description Mouse Gene ID 4582 Gene Symbol MUC1 Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glanduilar and ductal epithelial cells and some hematopoletic cell. It is expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB1 (EGFR) in lactating glands. The MUC1 gene contains sever exons and produce several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large exitended of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/	Clonality	Monoclonal
Isotype IgG1 Kappa Conjugate Janelia Fluor 669 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description Host Host Mouse Gene ID 4582 Gene Symbol MUC1 Species Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoletic cell lineages. It is expressed another MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively splicion have been shown in epithelial cancer cells. It is expressed form of MUC1 uses all seven exons and is a type 1 transmebrane protein with a large extracellular tandem repeat domain. The tandem repeat domain is highly og lycosylated and atterations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human mik-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.	Clone	MUC1/955
Conjugate Janelia Fluor 669 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description Host Host Mouse Gene ID 4582 Gene Symbol MUC1 Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell sufface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoletic cell lineages. It is expressed anonast secretory epithelium, including mammary gland and some hematopoletic cells. It is expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-ehB receptors and localize with c-ehB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large extracellular tandem repeat domains is highly oglycosylated and alterations in bohem arrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Im	Preservative	0.05% Sodium Azide
Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description 4582 Host Mouse Gene ID 4582 Gene Symbol MUC1 Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cells. It is expressed abundantly in lactating mammary glands and over expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with cerbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large extracellular tandem repeat domain. The tandem repeat domain is highly O glycosylated and alterations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.	Isotype	IgG1 Kappa
Buffer 50mM Sodium Borate Product Description Mouse Gene ID 4582 Gene Symbol MUC1 Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-eHB receptors and localize with c-erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large extracellular tandem repeat domain. The tandem repeat domain is highly O glycosylated and alterations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as pure-pithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofistochemistry/ Immunofistochemistry/ Immunofistochemistry/ Immunofis	Conjugate	Janelia Fluor 669
Product Description Host Mouse Gene ID 4582 Gene Symbol MUC1 Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoletic cell lineages. It is expressed an most secretory epithelium, including mammary gland and some hematopoletic cells. It is expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and a large extracellular tandem repeat domain. The tandem repeat domain is highly O glycosylated and alterations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as a pa-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunohistochemistry/ Immunohistochemistry/ Immunohistochemistry/ Immunohistochemistry/ Immunohistochemistry/ Immunohistochemistry/ Immunohistochemistry/ Immunohistochemistry/ Immunohistochemistry/ I	Purity	Protein A or G purified
Host Mouse Gene ID 4582 Gene Symbol MUC1 Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed anots secretory epithelium, including mammary glands and over expressed abundantly in lactating mammary glands and over expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with al four c-erbB receptors and localize with c-erbB 1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and so a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry/Immunofluorescence, Immunohistochemistry.	Buffer	50mM Sodium Borate
Gene ID 4582 Gene Symbol MUC1 Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large extracellular tandem repeat domain. The tandem repeat domain is highly O glycosylated and alterations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry. Immunohistochemistry.	Product Description	
Gene Symbol MUC1 Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large extracellular tandem repeat domain. The tandem repeat domain is highly O glycosylated and alterations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Immunochistochemistry/Immunofluorescence, Immunohistochemistry.	Host	Mouse
Species Human, Mouse Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in lactating mammary glands and over expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large extracellular tandem repeat domain. The tandem repeat domain is highly 0 glycosylated and alterations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Immunohistochemistry/ Immunohistochemistry/ Immunohistochemistry-Paraffin,	Gene ID	4582
Reactivity Notes Human and Mouse. Others not known. Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in lactating mammary glands and over expressed bundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large extracellular tandem repeat domain. The tandem repeat domain is highly O glycosylated and alterations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin,	Gene Symbol	MUC1
Marker Epithelial Marker Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large extracellular tandem repeat domain is highly 0 glycosylated and alterations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry	Species	Human, Mouse
Specificity/Sensitivity This monoclonal antibody reacts with MUC1. The dominant epitope of this monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large extracellular tandem repeat domain. The tandem repeat domain is highly 0 glycosylated and alterations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver. Immunogen Human milk-fat globule membranes (HMFGM) (Uniprot: P15941) Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin,	Reactivity Notes	Human and Mouse. Others not known.
monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in lactating mammary glands and over expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB1 (EGFR) in 	Marker	Epithelial Marker
Notes Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin,	Specificity/Sensitivity	monoclonal antibody has not yet been determined. MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in lactating mammary glands and over expressed abundantly in 90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four c-erbB receptors and localize with c-erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large extracellular tandem repeat domain. The tandem repeat domain is highly O glycosylated and alterations in glycosylation have been shown in epithelial cancer cells. Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of
Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. Product Application Details Applications Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin,	Immunogen	Human milk-fat globule membranes (HMFGM) (Uniprot: P15941)
Applications Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin,	Notes	•
Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin,	Product Application Details	
	Applications	Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin,



	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112 USA Phone: 303.730.1950 Toll Free: 1.888.506.6887 Fax: 303.730.1966 nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave Toronto, ON M8Z 4E6 Canada Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402 canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com Technical Support: nb-technical@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

Products Related to NBP2-47884JF669

H00004582-Q01-10ug	Recombinant Human MUC1 GST (N-Term) Protein
1129-ER-050	ErbB2/Her2 [Unconjugated]
10332-MU-050	MUC1 [Unconjugated]
NB300-141	GFAP Antibody

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-47884JF669

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications

www.novusbio.com

