Product Datasheet

MUC5AC Antibody (45M1) [DyLight 488] NBP2-32732G

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-32732G

MUC5AC Antibody (45M1) [DyLight 488]

(Negative) Reactivity Notes Hedgehog. Does not react with Bovine. Specificity/Sensitivity This monoclonal antibody recognizes the peptide core of gastric mucin M1 (recently identified as Mucin 5AC). Its epitope is located in the C-terminal cysteine rich part of the peptide core of MUC5AC. Its epitope is destroyed by beta-mercaptoethanol but not by periodate treatment. This mucin is present in primary ovarian mucinous cancer but usually absent in colorectal adenocarcinoma, thus showing an expression pattern opposite to MUC2. Together with a panel of antibodies, Anti-MUC5AC may be useful for differential identification of primary mucinous ovarian tumors from colon adenocarcinoma metastatic to the ovary. MUC5AC antibodies may also be useful for identification of intestinal metaplasia as well as in the identification of pancreatic carcinoma and pre-cancerous changes vs. normal pancreas.	MUC5AC Antibody (45M1) [Dy	Light 488]
Please see the vial label for concentration. If unlisted please contact technical services. Storage	Product Information	
Storage Store at 4C in the dark.	Unit Size	0.1 ml
Clone 45M1 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate DyLight 488 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description Host Mouse Gene ID 4586 Gene Symbol MUC5AC Species Human, Mouse, Rat, Porcine, Chicken, Feline, Mammal, Monkey, Rabbit, Bovin (Negative) Reactivity Notes Hedgehog, Does not react with Bovine, scientific literature (PMID:34260916) Specificity/Sensitivity This monoclonal antibody recognizes the peptide core of gastric mucin M1 (recently identified as Mucin SAC). Its epitope is located in the C-terminal cysteine rich part of the peptide core of MUC5AC. Its epitope is destroyed by beta-mercaptoethanol but not by periodate treatment. This mucin is present in primary ovarian mucinous cancer but usually absent in colorectal adenocarcinoma, thus showing an expression pattern opposite to MUC2. Together with a panel of antibodies. Anti-MUC5AC may be useful for didrentification of primary mucinous ovarian tumors from colon adenocarcinoma metastatic to the ovary. MUC5AC antibodies may also be useful for identification of intestinal metaplasia as well as in the identification of panereatic carcinoma and pre-cancerous changes vs. normal pancreas. Immunogen M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient M2 mucin is present in micropation of intestinal metaplasia as well as in the identification of panereatic carcinoma and pre-cancerous changes vs. normal pancreas. Product Application Details Western Blot, Dot Blot, Flow Cytometry, Flow (Intracellular), Immunohistochemistry-Paraffin, Jrmunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, V7TOF-ready Application Notes Use in Dot Blot Flow (Intracellular),	Concentration	·
Clone 45M1 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate DyLight 488 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description Host Mouse Gene ID 4586 Gene Symbol MUC5AC Species Human, Mouse, Rat, Porcine, Chicken, Feline, Mammal, Monkey, Rabbit, Bovin (Negative) Reactivity Notes Hedgehog, Does not react with Bovine, scientific literature (PMID:34260916) Specificity/Sensitivity This monoclonal antibody recognizes the peptide core of gastric mucin M1 (recently identified as Mucin 5AC). Its epitope is located in the C-terminal cysteine rich part of the peptide core of MUC5AC. Its epitope is destroyed by beta-mercaptoethanol but not by periodate treatment. This mucin is present in primary ovarian mucinous cancer but usually absent in colorectal adenocarcinoma, thus showing an expression pattern opposite to MUC2. Together with a panel of antibodies, Anti-MUC5AC may also be useful for differential identification of primary mucinous ovarian tumors from colon adenocarcinoma metastatic to the ovary. MUC5AC and solved by a useful for differential identification of primary mucinous ovarian tumors from colon adenocarcinoma metastatic to the ovary. MUC5AC and yelso be useful for differential identification of primary mucinous ovarian tumors from colon adenocarcinoma metastatic to the ovary. MUC5AC and yelso be useful for differential identification of parceatic carcinoma and pre-cancerous changes vs. normal pancreas. Immunogen Mt mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient Notes Western Blot, Dot Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofibrochemistry-Paraffin, CyTOF-ready Application Notes Use in Dot Blot reported in scientific literature (PMID: 31374872).	Storage	Store at 4C in the dark.
Preservative 0.05% Sodium Azide	Clonality	Monoclonal
IgG1 Kappa	Clone	45M1
Conjugate DyLight 488 Purity Protein A or G purified Buffer 50mM Sodium Borate Product Description Host Gene ID 4586 Gene Symbol MUC5AC Species Human, Mouse, Rat, Porcine, Chicken, Feline, Mammal, Monkey, Rabbit, Bovin (Negative) Reactivity Notes Hedgehog, Does not react with Bovine, Specificity/Sensitivity This monoclonal antibody recognizes the peptide core of gastric mucin M1 (recently identified as Mucin 5AC). Its epitope is located in the C-terminal cysteiner inch part of the peptide core of MUC5AC. Its epitope is destroyed by beta-mercaptoethanol but not by periodate treatment. This mucin is present in primary ovarian mucinous cancer but usually absent in colorectal adenocarcinoma, thus showing an expression pattern opposite to MUC2. Together with a panel of antibodies, Anti-MUC5AC may be useful for differential identification of primary mucinous ovarian tumors from colon adenocarcinoma metastatic to the ovary. MUC5AC antibodies may also be useful for identification of intestinal metaplasia as well as in the identification of nacreacic carcinoma and pre-cancerous changes vs. normal pancreas. Immunogen M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient Notes DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. Product Application Details Applications Western Blot, Dot Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Dot Blot, Flow (Intracellular), CyTOF-ready Application Notes Use in Dot Blot reported in scientific literature (PMID: 31374872).	Preservative	0.05% Sodium Azide
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Buffer 50mM Sodium Borate	Conjugate	DyLight 488
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Gene Symbol MUC5AC	Host	Mouse
Human, Mouse, Rat, Porcine, Chicken, Feline, Mammal, Monkey, Rabbit, Bovin (Negative) Reactivity Notes	Gene ID	4586
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Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Dot Blot, Flow (Intracellular), CyTOF-ready Application Notes Use in Dot Blot reported in scientific literature (PMID: 31374872).	Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry,
	Recommended Dilutions	Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-
	Application Notes	



Publications

Koh K, Bonser L, Eckalbar W et al. Genomic characterization and therapeutic utilization of IL-13-responsive sequences in asthma Cell Genomics 2022-12-01 [PMID: 36777184]





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236-EG-200 EGF [Unconjugated]

NBP2-76703 Human MUC5AC ELISA Kit (Colorimetric)

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