Product Datasheet

EpCAM/TROP1 Antibody (MOC-31) NBP2-44640-0.1mg

Unit Size: 0.1 mg

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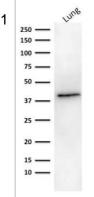
NBP2-44640-0.1mg

EpCAM/TROP1 Antibody (MOC-31)

C. Host Host Mouse Gene ID 4072 Gene Symbol EPCAM Species Human, Rat (Negative) Reactivity Notes Does not react with Rat, Canine or Feline. Marker Epithelial Marker Specificity/Sensitivity Binding epitope of this antibody is located in the first EGF-like repeat domain (EGF1) between amino acids 27-59 of Ep-CAM.EGP40 is a 40-43kDa transmembrane epithelial glycoprotein, also identified as epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (Ep-CAM). It is expressed on baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas with the exception of adult squamous epithelium, hepatocytes and gastric epithelial cells. This antibody has been used to distinguish adenocarcinomas with the exception of adult squamous epitheliun carcinoma. This antibody is also useful in distinguishing serous carcinomas of the ovary from mesothelioma. Immunogen Neuraminidase treated GLS-1 human small cell lung carcinoma cells Product Application Details Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin Recommended Dilutions Western Blot 1:100 - 1:200, Immunohistochemistry-Paraffin Application Notes Immunohistochemistry (Formalin-fixed); 1:2 ug/mL for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mK DTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be		,	
Concentration 0.2 mg/ml Storage Store at 4C. Clonality Moncolonal Clone MOC-31 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Purity Protein A or G purified Buffer 10 mM PBS with 0.05% BSA Product Description 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide, Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47875) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C. C. Host Mouse Gene ID Gene BD 4072 Gene Symbol Species Human, Rat (Negative) Reactivity Notes Does not react with Rat, Canine or Feline. Marker Specificity/Sensitivity Epithelial Marker Specificity/Sensitivity Specificity/Sensitivity Western Biot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunohistoch	Product Information		
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Clonality Monoclonal Clone MOC-31 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Purity Protein A or G purified Buffer 10 mM PBS with 0.05% BSA Product Description 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47875) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C. Host Mouse Gene ID 4072 Gene Symbol EPCAM Species Human, Rat (Negative) Reactivity Notes Does not react with Rat, Canine or Feline. Marker Epithelial Marker Specificity/Sensitivity Binding epitope of this antibody is located in the first EGF-like repeat domain (EGF1) between arnino acids 27-59 of Ep-CAM.EGP-AM. It is expressed on bao-lateral cell surface in most simple epithelial and available and post-lateral cells. This antibody is a do-43kDa transmebrane epithelial glocytorbin, also leartific antigen (ESA), or epithelial cellular adhesion molecule (Ep-CAM.). It is expressed on bao-lateral cells. Usa cell surface in most simple epithelial and a variant majority of carionmas with the exception of adult squamous epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (Ep-CAM.). It is expressed on bao-late	Concentration	0.2 mg/ml	
Clone MOC-31 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Purity Protein A or G purified Buffer 10 mM PBS with 0.05% BSA Product Description 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available W/ITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47875) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C. . Gene ID 4072 Gene Symbol EPCAM Species Human, Rat (Negative) Reactivity Notes Does not react with Rat, Canine or Feline. Marker Epithelial Marker Specificity/Sensitivity Binding epitope of this antibody is located in the first EGF-like repeat domain (EGF1) between amino acids 27-59 of Ep-CAM.EGP40 is a 40-43kDa transmembrane epithelial glycoprotein, also identified as epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (Ep-CAM). It is expressed on baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas with the exception of adult squamous get the ovary from mesothelioma. Immunogen Neuraminidase treated GLS-1 human small cell lung carcinoma cells Product Application Details Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry/Paraffin 1-2 ug/ml	Storage	Store at 4C.	
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Isotype IgG1 Kappa Purity Protein A or G purified Buffer 10 mM PBS with 0.05% BSA Product Description 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47875) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C. Host Mouse Gene ID 4072 Gene Symbol EPCAM Species Human, Rat (Negative) Reactivity Notes Does not react with Rat, Canine or Feline. Marker Epithelial Marker Specificity/Sensitivity Binding epitope of this antibody is located in the first EGF-like repeat domain (EGF1) between amino acids 27-59 of Ep-CAM.EGP40 is a 40-43kDa transmembrane epithelial cellular adhesion molecule (Ep-CAM). It is expressed on baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas with the exception of adult squamous epithelium, hepatocytes and gastric epithelial cells. This antibody has been used to distinguish adenocarcinoma from pleural mesothelioma and hepatocellular carcinoma. This antibody is also useful in distinguishing servus carcinomas of the ovary from mesothelioma Immunofucorescence, Immunohistochemistry-Paraffin Recommended Dilutions Western Blot, Immunocytochemistry/ Immunofucorescence, Immunohistochemistry-Paraffin Superesed on baso-lateral especific apindexoleula	Clone	MOC-31	
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Images Western Blot: EpCAM/TROP1 Antibody (MOC-31) [NBP2-44640] -Western Blot analysis of human lung tissue lysate using EpCAM/TROP1 Antibody (MOC-31).



Immunohistochemistry-Paraffin: EpCAM/TROP1 Antibody (MOC-31) [NBP2-44640] - Human Ovarian Carcinoma stained with Ep-CAM Monoclonal Antibody (MOC-31).

Immunohistochemistry-Paraffin: EpCAM/TROP1 Antibody (MOC-31) [NBP2-44640] - Human Colon Carcinoma stained with Ep-CAM Monoclonal Antibody (MOC-31).

Immunohistochemistry-Paraffin: EpCAM/TROP1 Antibody (MOC-31) [NBP2-44640] - Human Endometrial Carcinoma stained with Ep-CAM Monoclonal Antibody (MOC-31).



Publications

Dressler FF, Hinrichs S, Roesch MC, Perner S EpCAM tumor specificity and proteoform patterns in urothelial cancer Journal of cancer research and clinical oncology 2023-05-08 [PMID: 37154925] (Western Blot, Human)

Alexander JI, Vendramini-Costa DB, Francescone R et al. Palladin isoforms 3 and 4 regulate cancer-associated fibroblast pro-tumor functions in pancreatic ductal adenocarcinoma Scientific reports 2021-02-15 [PMID: 33589694] (IHC-P, Human)

Gabitova-Cornell L, Surumbayeva A, Peri S et al. Cholesterol Pathway Inhibition Induces TGF-beta Signaling to Promote Basal Differentiation in Pancreatic Cancer Cancer Cell 2020-09-15 [PMID: 32976774] (IF/IHC)

Franco-Barraza J, Francescone R, Luong T et al. Matrix-regulated integrin alphavb5 maintains alpha5b1-dependent desmoplastic traits prognostic of neoplastic recurrence. Elife. 2017-01-31 [PMID: 28139197] (ICC/IF, Human)

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