

Product Datasheet

EpCAM/TROP1 Antibody (MOC-31) - IHC-Prediluted NBP2-48287

Unit Size: 7 ml

Store at 4C.

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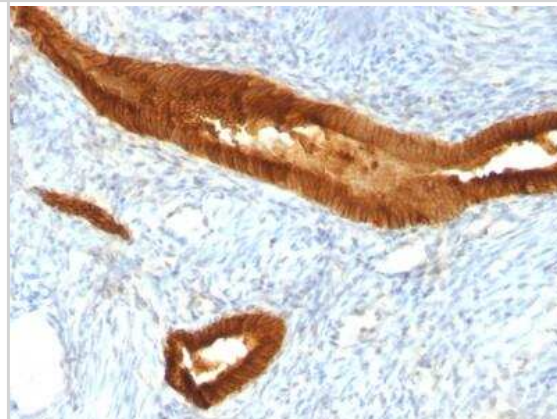
NBP2-48287**EpCAM/TROP1 Antibody (MOC-31) - IHC-Prediluted**

Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
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	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
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 adenocarcinoma from pleural mesothelioma and hepatocellular 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	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

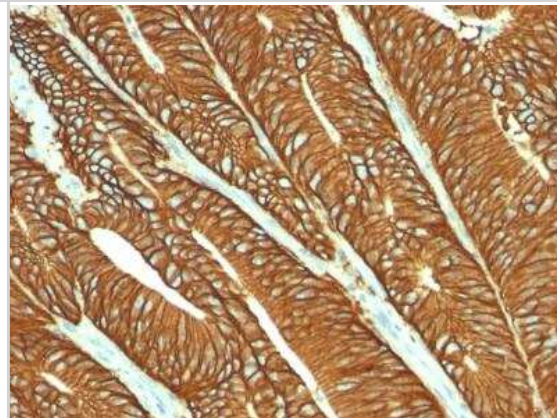


Images

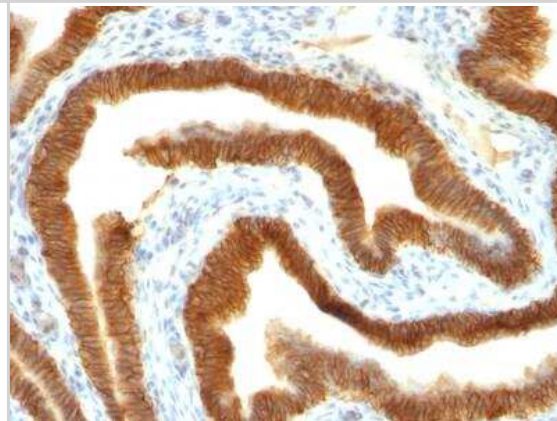
Immunohistochemistry-Paraffin: EpCAM/TROP1 Antibody (MOC-31) - IHC-Prediluted [NBP2-48287] - Human Endometrial Carcinoma stained with EpCAM Mouse Monoclonal Antibody (MOC-31).



Immunohistochemistry-Paraffin: EpCAM/TROP1 Antibody (MOC-31) - IHC-Prediluted [NBP2-48287] - Human Colon Carcinoma stained with EpCAM Mouse Monoclonal Antibody (MOC-31).



Immunohistochemistry-Paraffin: EpCAM/TROP1 Antibody (MOC-31) - IHC-Prediluted [NBP2-48287] - Human Ovarian Carcinoma stained with EpCAM Mouse Monoclonal Antibody (MOC-31).



Publications

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]



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Products Related to NBP2-48287

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-52190-0.05mg	Recombinant Human EpCAM/TROP1 His Protein

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.

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