

For Research Use Only

MUC4 Polyclonal antibody

Catalog Number: 28703-1-AP



Basic Information

Catalog Number: 28703-1-AP	GenBank Accession Number: NM_018406	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 4585	Recommended Dilutions: WB 1:500-1:3000 IHC 1:200-1:1000
Source: Rabbit	UNIPROT ID: Q99102	
Isotype: IgG	Full Name: mucin 4, cell surface associated	
Immunogen Catalog Number: AG29799	Calculated MW: 231 kDa	
	Observed MW: 231 kDa, 113 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, MCF-7 cells

IHC : human prostate cancer tissue, human breast cancer tissue, human colon tissue, human colon cancer tissue, human lung cancer tissue, human pancreas cancer tissue

Background Information

MUC4, also named as HSA276359, ASGP, MUC-4, testis mucin and mucin-4 is a high molecular weight transmembrane mucin that is overexpressed in many carcinomas and is a risk factor associated with a poor prognosis. MUC4 have a key role in the progression of pancreatic cancer. MUC4 helps in the docking of tumor cells on the endothelial surface.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

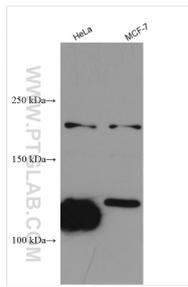
For technical support and original validation data for this product please contact:

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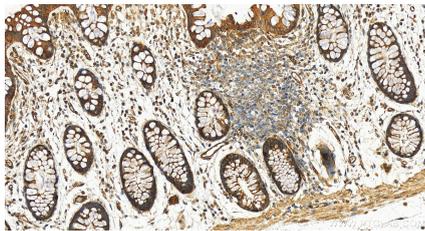
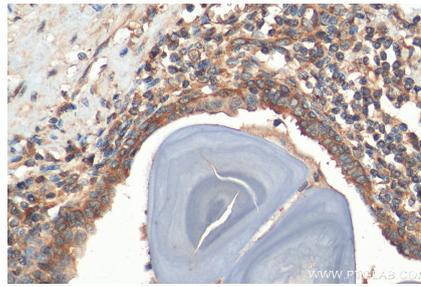
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28703-1-AP (MUC4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 28703-1-AP (MUC4 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).