

For Research Use Only

MUC1/CA15-3 Monoclonal antibody, PBS Only

Catalog Number: 60749-1-PBS



Basic Information

Catalog Number: 60749-1-PBS	GenBank Accession Number: BC120975	Purification Method: Protein G purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4582	CloneNo.: 1D5D11
Source: Mouse	UNIPROT ID: P15941	
Isotype: IgG1	Full Name: mucin 1, cell surface associated	
Immunogen Catalog Number: AG17660	Calculated MW: 1264 aa, 123 kDa	

Applications

Tested Applications:
IHC, Indirect ELISA
Species Specificity:
human

Background Information

MUC1 is a type I transmembrane glycoprotein expressed by various epithelial cells of the female reproductive tract, lung, breast, kidney, stomach, and pancreas. Among the known mucins, MUC1 is best studied and plays crucial roles in regulating many cellular properties, including cell proliferation, apoptosis, adhesion, and invasion. MUC1 is overexpressed in a wide range of human epithelial malignancies.

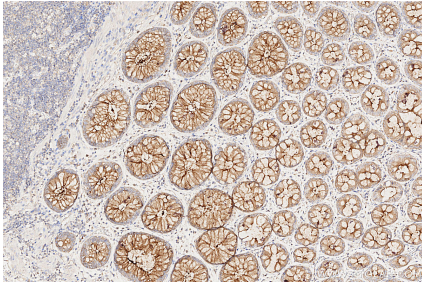
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

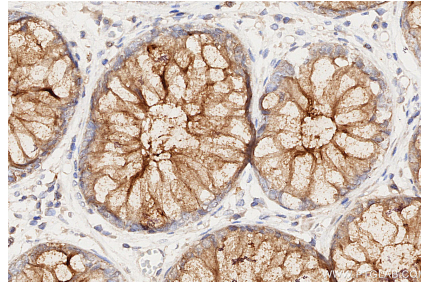
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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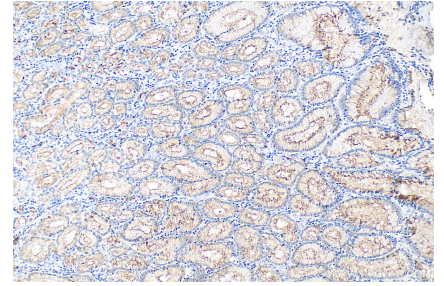
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissue slide using 60749-1-Ig (MUC1/CA15-3 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60749-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissue slide using 60749-1-Ig (CA15-3,MUC1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60749-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 60749-1-Ig (MUC1/CA15-3 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60749-1-PBS in a different storage buffer formulation.