

For Research Use Only

CoraLite® Plus 488-conjugated MUC13 Recombinant monoclonal antibody

Catalog Number:CL488-87107-2



Basic Information

Catalog Number: CL488-87107-2	GenBank Accession Number: NM_033049.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 56667	CloneNo.: 252211G3
Source: Rabbit	UNIPROT ID: Q9H3R2	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: mucin 13, cell surface associated	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: EG6586	Calculated MW: 55 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HT-29 cells,
Species Specificity: human	

Background Information

Mucins (MUC) are highly glycosylated proteins that are abundantly expressed in mammalian epithelial cells. Mucin 13 (MUC13) is a member of the transmembrane glycoprotein mucins, which are normally expressed in the large intestine, trachea, kidney, small intestine, and gastric epithelium (PMID: 22027689). MUC13 is involved in the tumorigenesis of multiple malignancies, including pancreatic cancer, colorectal cancer, renal cancer, and lung cancer (PMID: 22027689; PMID: 31427737; PMID: 28205224; PMID: 34966453).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)
fixed HT-29 cells using CoraLite® Plus 488 MUC13
antibody (CL488-87107-2, Clone: 252211G3) at
dilution of 1:200.