



Mucin 13 Monoclonal Antibody

Catalog No	YP-mAb-17050
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	MUC13
Protein Name	Mucin-13
Immunogen	The antiserum was produced against synthesized peptide derived from human MUC13. AA range:421-470
Specificity	Mucin 13 Monoclonal Antibody detects endogenous levels of Mucin 13 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MUC13; DRCC1; RECC; Mucin-13; MUC-13; Down-regulated in colon cancer 1
Observed Band	50kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Apical cell membrane . Secreted . Also exists as a soluble form.
Tissue Specificity	Highly expressed in epithelial tissues, particularly those of the gastrointestinal and respiratory tracts, such as large intestine and trachea, followed by kidney, small intestine, appendix and stomach.
Function	function:Epithelial and hemopoietic transmembrane mucin that may play a role in cell signaling.,PTM:Cleaved into two subunits, alpha and beta, probably between the first EGF domain and the SEA domain. Beta subunit contains the cytoplasmic tail and alpha subunit the extracellular tail. The homo-oligomerization into dimers is dependent on intrachain disulfide bonds.,PTM:Highly N-glycosylated.,similarity:Contains 1 SEA domain.,similarity:Contains 3 EGF-like domains.,subcellular location:Also exists as a soluble form.,subunit:Homodimer of beta subunits.,tissue specificity:Highly expressed in epithelial tissues, particularly those of the gastrointestinal and respiratory tracts, such as large intestine and trachea, followed by kidney, small intestine, appendix and stomach.,
Background	Epithelial mucins, such as MUC13, are a family of secreted and cell surface glycoproteins expressed by ductal and glandular epithelial tissues (Williams et al., 2001 [PubMed 11278439]).[supplied by OMIM, Jul 2008],



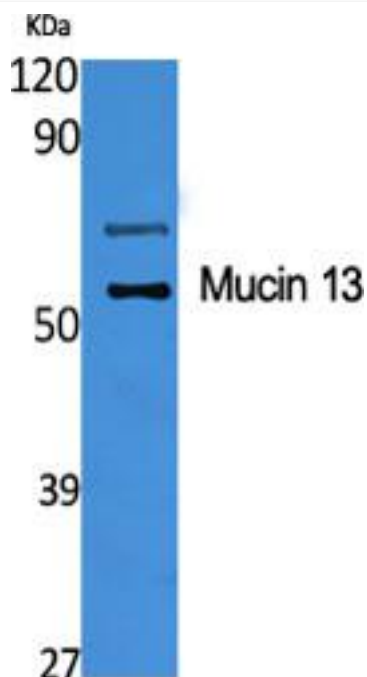
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Mucin 13 Monoclonal Antibody