

Mucin 13 rabbit pAb

Cat#: orb765743 (Manual)

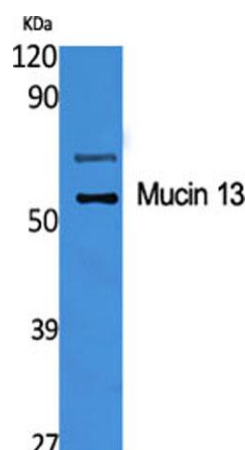
For research use only. Not intended for diagnostic use.

Product Name	Mucin 13 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MUC13. AA range:421-470
Specificity	Mucin 13 Polyclonal Antibody detects endogenous levels of Mucin 13 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Mucin-13
Gene Name	MUC13
Cellular localization	Cell membrane ; Single-pass type I membrane protein . Apical cell membrane . Secreted . Also exists as a soluble form.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

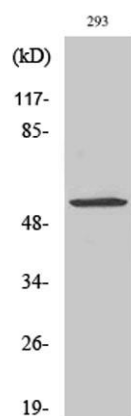
Concentration	1 mg/ml
Observed band	50kD
Human Gene ID	56667
Human Swiss-Prot Number	Q9H3R2
Alternative Names	MUC13; DRCC1; RECC; Mucin-13; MUC-13; Down-regulated in colon cancer 1

Background

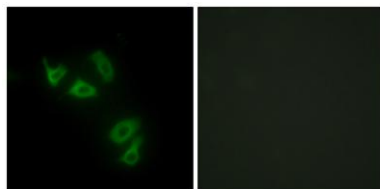
Epithelial mucins, such as MUC13, are a family of secreted and cell surface glycoproteins expressed by ductal and glandular epithelial tissues (Williams et al., 2001 [PubMed 11278439]).[supplied by OMIM, Jul 2008],



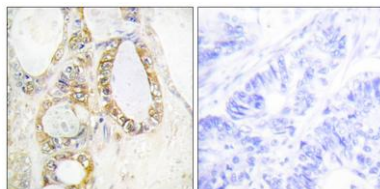
Western Blot analysis of various cells using Mucin 13 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of COLO205 cells using Mucin 13 Polyclonal Antibody diluted at 1:1000



Immunofluorescence analysis of HepG2 cells, using MUC13 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using MUC13 Antibody. The picture on the right is blocked with the synthesized peptide.