



# Mucin 13 rabbit pAb

Cat No.:ES2868

For research use only

## Overview

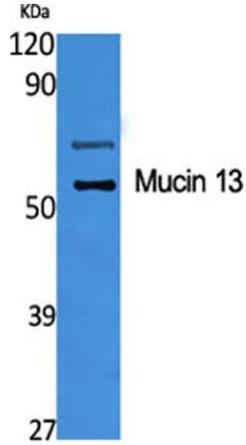
<b>Product Name</b>	Mucin 13 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MUC13. AA range:421-470
<b>Specificity</b>	Mucin 13 Polyclonal Antibody detects endogenous levels of Mucin 13 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Mucin-13
<b>Gene Name</b>	MUC13
<b>Cellular localization</b>	Cell membrane ; Single-pass type I membrane protein . Apical cell membrane . Secreted . Also exists as a soluble form.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	50kD
<b>Human Gene ID</b>	56667
<b>Human Swiss-Prot Number</b>	Q9H3R2
<b>Alternative Names</b>	MUC13; DRCC1; RECC; Mucin-13; MUC-13; Down-regulated in colon cancer 1
<b>Background</b>	Epithelial mucins, such as MUC13, are a family of secreted and cell surface glycoproteins expressed by



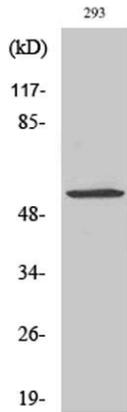


ductal and glandular epithelial tissues (Williams et al., 2001 [PubMed 11278439]).[supplied by OMIM, Jul 2008],

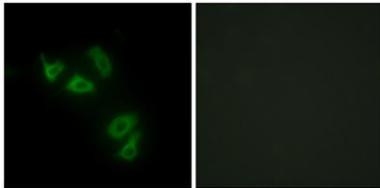
Western Blot analysis of various cells using Mucin 13  
Polyclonal Antibody diluted at 1:1000



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



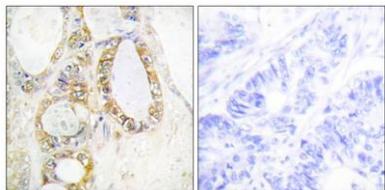
Immunofluorescence analysis of HepG2 cells, using MUC13 Antibody. The picture on the right is blocked with the synthesized peptide.





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



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