

Rabbit anti-Human, Mouse MUC13 Polyclonal Antibody | anti-MUC13 antibody

MUC13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324127	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MUC13; Polyclonal Antibody; MUC13 Antibody; Down-regulated in colon cancer 1; DRCC1; FLJ20063; MUC 13; MUC-13; Muc13; MUC13 Down regulated in colon cancer 1; MUC13_HUMAN; Mucin 13; cell surface associated; Mucin-13; PRO20221; RECC; UNQ6194; anti-MUC13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MUC13 antibody detects endogenous levels of total MUC13
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	512
Applicable Applications for anti-MUC13 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	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.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COLO cells using MUC13 antibody.



IF (Immunofluorescence)

AAA324127 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA324127 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-MUC13 antibody	Function: Epithelial and hemopoietic transmembrane mucin that may play a role in cell signaling. Subunit Structure: Homodimer of beta subunits. Post-translational Modifications: 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 homooligomerization into dimers is dependent on intrachain disulfide bonds. Highly N-glycosylated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	308736985
NCBI GeneID	56667
NCBI Accession #	NP_149038.3
NCBI GenBank Nucleotide #	NM_033049.3
UniProt Accession #	Q9H3R2; Q6UWD9; Q9NXT5
Molecular Weight	Observed: 50 kD Predicted: 55 kDa
NCBI Official Full Name	mucin-13
NCBI Official Synonym Full Names	mucin 13, cell surface associated
NCBI Official Symbol	MUC13
NCBI Official Synonym Symbols	DRCC1; MUC-13
NCBI Protein Information	mucin-13
UniProt Protein Name	Mucin-13
UniProt Gene Name	MUC13
UniProt Synonym Gene Names	DRCC1; RECC; MUC-13

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/muc13-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324127>