

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

Anti-MUC13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105284	Rabbit	Human	Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

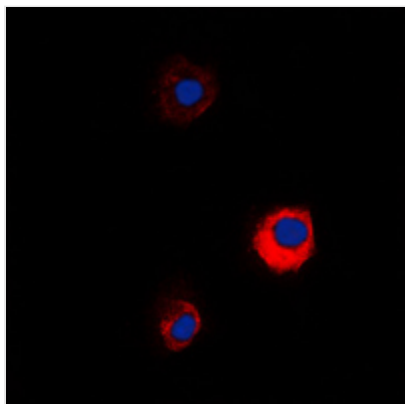
PRODUCT SYNONYMS

MUC13; Polyclonal Antibody; Anti-MUC13 Antibody; DRCC1; RECC; Mucin-13; MUC-13; Down-regulated in colon cancer 1; anti-MUC13 antibody

PRODUCT SPECIFICATIONS

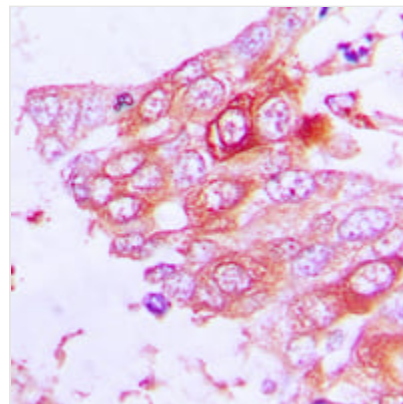
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of MUC13 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	512
Applicable Applications for anti-MUC13 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MUC13. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



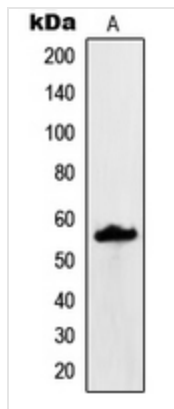
IF (Immunofluorescence)

Immunofluorescent analysis of MUC13 staining in KNRK cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of MUC13 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of MUC13 expression in KNRK (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-MUC13 antibody	Rabbit polyclonal antibody to MUC13
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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	54,604 Da
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; down-regulated in colon cancer 1; mucin 13, epithelial transmembrane
UniProt Protein Name	Mucin-13
UniProt Gene Name	MUC13
UniProt Synonym Gene Names	DRCC1; RECC; MUC-13
UniProt Entry Name	MUC13_HUMAN

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.