

Rabbit MUC13 Polyclonal Antibody | anti-MUC13 antibody

Rabbit Polyclonal to Human MUC13

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50828	Rabbit	Gibbon, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

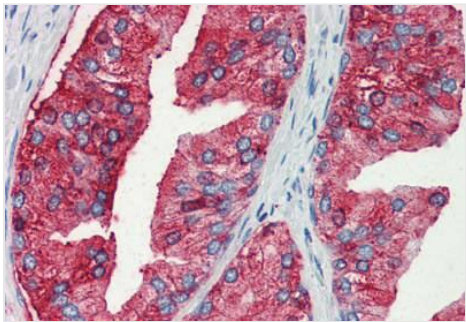
PRODUCT SYNONYMS

MUC13; Polyclonal Antibody; Rabbit Polyclonal to Human MUC13; Anti-MUC13 Antibody (Internal) IHC-plus; DRCC1; MUC-13; RECC; Mucin-13; Human MUC13; anti-MUC13 antibody

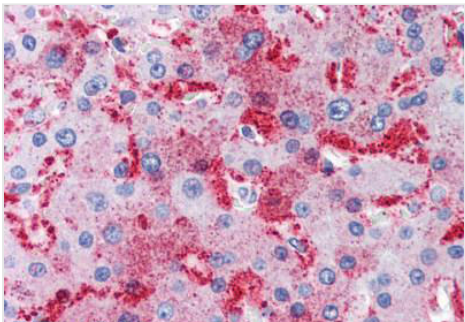
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human MUC13. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except FAT1 (57%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	511
Applicable Applications for anti-MUC13 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 14 amino acid peptide from internal region of human MUC13. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%); Monkey (93%).
Immunogen Type	Synthetic peptide
Immunogen	MUC13 antibody was raised against synthetic 14 amino acid peptide from internal region of human MUC13. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%); Monkey (93%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-MUC13 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-MUC13 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-MUC13 antibody	Mucin 13 (MUC13) is a member of the epithelial mucin family of secreted and cell-surface glycoproteins expressed by ductal and glandular epithelial tissues. These transmembrane mucins are involved in barrier functions in epithelial tissues. Biochemical studies have shown that Mucin 13 is cleaved into two subunits and that the subunit containing the cytoplasmic tail undergoes homodimerization.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51593090
NCBI GeneID	56667
NCBI Accession #	NP_149038.2
NCBI GenBank Nucleotide #	NM_033049.2
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.