

Rabbit MUC1 Polyclonal Antibody | anti-MUC1 antibody

MUC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75710	Rabbit	Human, Monkey	Immunoprecipitation, Immunohistochemistry, ELISA

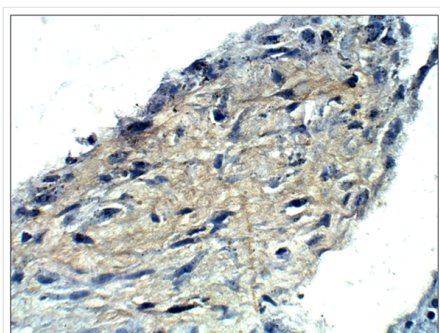
PRODUCT SYNONYMS

MUC1; Polyclonal Antibody; MUC1 Antibody; ADMCKD; Breast carcinoma-associated antigen DF3; CA 15 3; CD227 antigen; DF3 antigen; EMA; Episialin; Epithelial basement membrane antigen; H23 antigen; KL 6; MAM 6; MCD; MCKD1; MUC 1; Peanut-reactive urinary mucin; Polymorphic epithelial mucin; Tumor associated epithelial membrane antigen antibody; anti-MUC1 antibody

PRODUCT SPECIFICATIONS

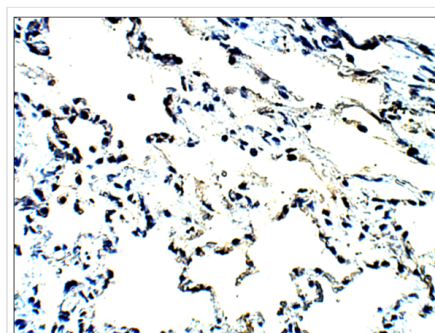
Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Specificity	Will detect deglycosylated MUCIN1 protein.
Form/Format	Affinity Purified
Concentration	0.65 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	1255
Applicable Applications for anti-MUC1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide corresponding to unique amino acid sequence on MUCIN1 protein.
Expression	Expressed on the apical surface of epithelial cells, especially of airway passages, breast and uterus. Also expressed in activated and unactivated T-cells. Overexpressed in epithelial tumors, such as breast or ovarian cancer and also in non-epithelial tumor cells. Isoform 7 is expressed in tumor cells only.
Molecular Function	transcription cofactor activity
Subcellular Location	Cell membrane, Cytoplasm, Membrane, Nucleus, Secreted
Preparation and Storage	-20• degree C for long term storage

IMAGES



Baboon Lung- MUC1
Primary Antibody: 1:100 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
40X magnification on Leica DM4000 microscope. FFPE section.

IHC (Immunohistochemistry)



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ADDITIONAL INFORMATION

Related Product Information for anti-MUC1 antibody	Affinity Purified Mucin 1, transmembrane Antibody The alpha subunit has cell adhesive properties. Can act both as an adhesion and an anti-adhesion protein. May provide a protective layer on epithelial cells against bacterial and enzyme attack.
Product Categories/Family for anti-MUC1 antibody	Primary Antibodies; Cancer Research; Tumor Associated; MUC1 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	296439295
NCBI GeneID	4582
NCBI Accession #	P15941.3
NCBI GenBank Nucleotide #	NM_182741.1
UniProt Accession #	P15941; P13931; P15942; P17626; A5YRV1; A6ZID9; A6ZIE0; B1AVQ8; B1AVR0; B6ECA1; E7ESE5; E7EUG9
Molecular Weight	28,297 Da
NCBI Official Full Name	Mucin-1
NCBI Official Synonym Full Names	mucin 1, cell surface associated
NCBI Official Symbol	MUC1
NCBI Official Synonym Symbols	EMA; MCD; PEM; PUM; KL-6; MAM6; MCKD; PEMT; CD227; H23AG; MCKD1; MUC-1; ADMCKD; ADMCKD1; CA 15-3; MUC-1/X; MUC1/ZD; MUC-1/SEC
NCBI Protein Information	mucin-1
UniProt Protein Name	Mucin-1
UniProt Gene Name	MUC1
UniProt Synonym Gene Names	PUM; MUC-1; CA 15-3; KL-6; PUM; PEM; EMA; MUC1-NT; MUC1-alpha; MUC1-beta
UniProt Entry Name	MUC1_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/muc1-antibody-immunoprecipitation-immunohistochemistry-elisa/75710>