

Rabbit anti-Mouse Mucin 1 Polyclonal Antibody | anti-MUC1 antibody

Polyclonal Antibody to Mucin 1 (MUC1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142871	Rabbit	Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

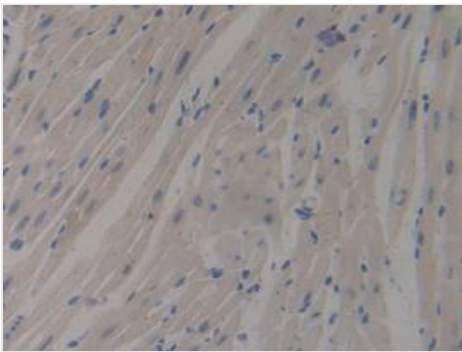
PRODUCT SYNONYMS

Mucin 1; Polyclonal Antibody; Polyclonal Antibody to Mucin 1 (MUC1); anti-MUC1 antibody

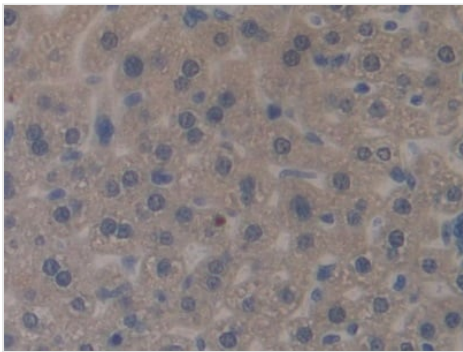
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against MUC1. It has been selected for its ability to recognize MUC1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and GST-tag and its sequence is listed below. MSPI LGYWKIKGLV QPTRLLLEYL EEKYEELHYE RDEGDKWRNK KFEGLGFNP LPYYIDGDVK LTQSMAIIRY IADKHNMLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF EDRCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMCDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAAK FERQHMDSPD LGTGGGSGIE GRGSMGYRGS EF-SVVVEST VVFREGTFSA SDVKSQLIQH KKEADDYNLT ISEVKVNEMQ FPPSAQSRPG VPGWGIALLV LVCILVALI VYFLALAVCQ CRRKSYGQLD IFPTQDTHP MSEYPTYHTH GRYVPPGSTK RSPYEEVSAG NGSSSLSYTN PAVVTTSANL
Sequence Length	602
Applicable Applications for anti-MUC1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	MUC1 (Ser474~Leu630)
Organism Species	Mus musculus (Mouse)
Cross Reactivity	Mouse
Conjugate	No Conjugate
Immunogen	Recombinant MUC1 (Ser474~Leu630) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

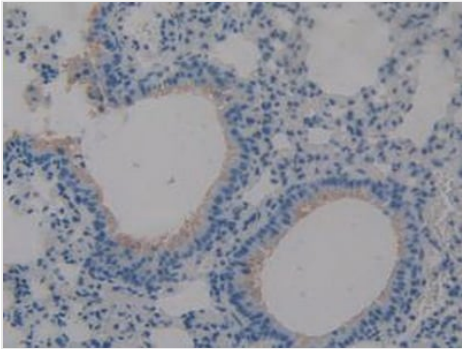
IMAGES



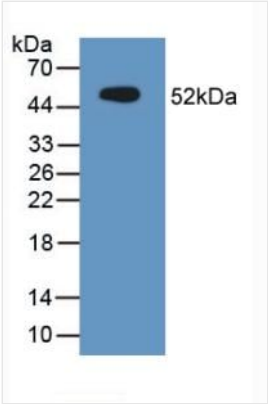
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Heart Tissue



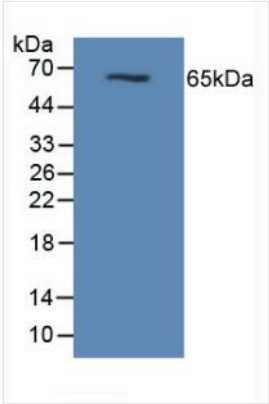
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Liver Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Lung Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant MUC1, Mouse.



WB (Western Blot)
Western Blot: Sample: Mouse Pancreas Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7305293
NCBI GeneID	17829
NCBI Accession #	NP_038633.1
NCBI GenBank Nucleotide #	NM_013605.2
UniProt Accession #	Q02496
Molecular Weight	64,539 Da

NCBI Official Full Name	mucin-1
NCBI Official Synonym Full Names	mucin 1, transmembrane
NCBI Official Symbol	Muc1
NCBI Official Synonym Symbols	EMA; CD227; Muc-1
NCBI Protein Information	mucin-1
UniProt Protein Name	Mucin-1
UniProt Gene Name	Muc1
UniProt Synonym Gene Names	Muc-1; MUC-1; MUC1-NT; MUC1-alpha; MUC1-beta

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/mucin-1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142871>