

Anti-MMP25 antibody



Description	Unconjugated Rabbit polyclonal to MMP25
Model	STJ190367
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human MMP25 protein.
Immunogen Region	10-90aa
Gene ID	64386
Gene Symbol	MMP25
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MMP25 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed predominantly in leukocytes, lung and spleen. Expressed also in colon carcinoma, astrocytoma and glioblastomas.
Purification	MMP25 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Matrix metalloproteinase-25 MMP-25 Leukolysin Membrane-type matrix metalloproteinase 6 MT-MMP 6 MTMMP6 Membrane-type-6 matrix metalloproteinase MT6-MMP MT6MMP
Molecular Weight	61 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:14246OMIM:608482
Alternative Names	Matrix metalloproteinase-25 MMP-25 Leukolysin Membrane-type matrix metalloproteinase 6 MT-MMP 6 MTMMP6 Membrane-type-6 matrix metalloproteinase MT6-MMP MT6MMP
Function	May activate progelatinase A.
Sequence and Domain Family	The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.
Cellular Localization	Cell membrane. Lipid-anchor, GPI-anchor. Extracellular side. Secreted, extracellular space, extracellular matrix.
Post-translational Modifications	The precursor is cleaved by a furin endopeptidase.

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