

Rabbit anti-Human, Mouse Matrix Metalloproteinase 9 (MMP9) Polyclonal Antibody | anti-MMP9 antibody

Polyclonal Antibody to Matrix Metalloproteinase 9 (MMP9)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA131625	Rabbit	Human, Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

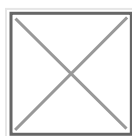
PRODUCT SYNONYMS

Matrix Metalloproteinase 9 (MMP9); Polyclonal Antibody; Polyclonal Antibody to Matrix Metalloproteinase 9 (MMP9); anti-MMP9 antibody

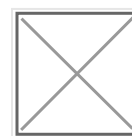
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against MMP9. It has been selected for its ability to recognize MMP9 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with the two N-terminal tags, His-tag and dT7-tag and its sequence is listed below. M GSSHHHHHS SGLVPRGSHM ASMTGGQMG RGSEF-GKGV VVPTFRGNAD GAACHFPFIF EGRSYSACTT DGRSDGLPWC STTANYDTDD RFGFCPSERL YTQDGNADGK PCQFPFIFQG QSYSACTTDG RSDGYRWCAT TANYDRDKLF GFCPTRADST VMGGNSAGEL CVFP
Sequence Length	31
Applicable Applications for anti-MMP9 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant MMP9 (Gly213~Ala399) expressed in E.coli.
Cross Reactivity	Human, Mouse
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.

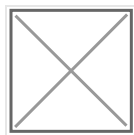
IMAGES



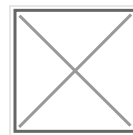
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Lung Cancer Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Tissue

**WB (Western Blot)**

Western Blot: Sample: RecombinantMMP9,Human.

**WB (Western Blot)**

Western Blot: Sample: Mouse Marrow Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74272287
NCBI GeneID	4318
NCBI Accession #	NP_004985.2
NCBI GenBank Nucleotide #	NM_004994.2
UniProt Accession #	P14780; Q3LR70; Q8N725; Q9H4Z1; Q9UCJ9; Q9UCL1; Q9UDK2; B2R7V9
Molecular Weight	78,458 Da
NCBI Official Full Name	matrix metalloproteinase-9 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 9
NCBI Official Symbol	MMP9
NCBI Official Synonym Symbols	GELB; CLG4B; MMP-9; MANDP2
NCBI Protein Information	matrix metalloproteinase-9
UniProt Protein Name	Matrix metalloproteinase-9
UniProt Gene Name	MMP9
UniProt Synonym Gene Names	CLG4B; MMP-9; GELB

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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