

## Anti-MMP8 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 38 kDa. Actual: 60 kDa.
Purification:	Protein A purified

### Applications

Sample:	Lane 1: Mouse Bone marrow Lysates Lane 2: Mouse Spleen Lysates Lane 3: Mouse Uterus Lysates Lane 4: Mouse Testis Lysates Lane 5: Mouse NIH/3T3 cell Lysates Lane 6: Rat Bone marrow Lysates Lane 7: Rat Spleen Lysates Lane 8: Rat Uterus Lysates
Verified Activity:	Lane 9: Rat Testis Lysates Lane 10: Human Jurkat cell Lysates Lane 11: Human A549 cell Lysates Lane 12: Human HL-60 cell Lysates Lane 13: Human MCF-7 cell Lysates Lane 14: Human HepG2 cell Lysates Primary: Anti-MMP8 (TMAB-08881) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 38 kDa Observed band size: 60 kDa
Application:	WB
Recommended	WB: 1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human MMP8  
Antigen Species: Human  
Gene ID: 4317  
Uniprot ID: P22894

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### Research Background

Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the enzyme encoded by this gene is stored in secondary granules within neutrophils and is activated by autolytic cleavage. Its function is degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq, Jul 2008]

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