

Product datasheet

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ARG58047 anti-MMP8 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes MMP8

Tested Reactivity Hu, Ms, Rat

Tested Application ICC/IF, IHC-P, IP, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name MMP8
Species Human

Immunogen Synthetic peptide derived from Human MMP8.

Conjugation Un-conjugated

Alternate Names HNC; PMNL collagenase; MMP-8; PMNL-CL; CLG1; Neutrophil collagenase; Matrix metalloproteinase-8;

EC 3.4.24.34

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	IP	1:50
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human placenta	
Observed Size	~ 68 kDa	

Properties

Form	Liquid	
Purification	Affinity purified.	
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.	
Preservative	0.02% Sodium azide	
Stabilizer	50% Glycerol	
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw	

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol MMP8

Gene Full Name matrix metallopeptidase 8

Background This gene encodes a member of the matrix metalloproteinase (MMP) family of proteins. These proteins

are involved in the breakdown of extracellular matrix in embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Proteolysis at different sites on this protein results in multiple active forms of the enzyme with distinct N-termini. This protein functions in the degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. Alternative splicing results in multiple transcript variants.

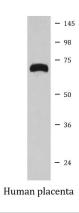
[provided by RefSeq, Jan 2015]

Function Can degrade fibrillar type I, II, and III collagens. [UniProt]

Calculated Mw 53 kDa

Cellular Localization Secreted > Extracellular space > Extracellular matrix. [UniProt]

Images



ARG58047 anti-MMP8 antibody WB image

Western blot: Human placenta lysate stained with ARG58047 anti-MMP8 antibody.