



MMP27 peptide (DAG-P0923)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. [provided by RefSeq, Jul 2008]
Specificity	Expressed in B-cells.
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Belongs to the peptidase M10A family. Contains 4 hemopexin repeats.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name [MMP27 matrix metalloproteinase 27 \[Homo sapiens \(human\) \]](#)

Official Symbol	MMP27
Synonyms	MMP27; matrix metalloproteinase 27; MMP-27; matrix metalloproteinase-27; matrix metalloproteinase 27; matrix metalloproteinase 27;
Entrez Gene ID	64066
mRNA Refseq	NM_022122.2
Protein Refseq	NP_071405.2
UniProt ID	Q9H306
Chromosome Location	11q24
Pathway	Matrix Metalloproteinases, organism-specific biosystem;
Function	calcium ion binding; metalloendopeptidase activity; zinc ion binding;