

MMP10 rabbit monoclonal antibody

Catalog # H00004319-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MMP10 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MMP10 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MMP10 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MMP10

Entrez GeneID	4319
GeneBank Accession#	MMP10
Gene Name	MMP10
Gene Alias	SL-2, STMY2
Gene Description	matrix metalloproteinase 10 (stromelysin 2)
Omim ID	185260
Gene Ontology	Hyperlink
Gene Summary	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. The enzyme encoded by this gene degrades proteoglycans and fibronectin. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]
Other Designations	matrix metalloprotease 10 matrix metalloproteinase 10 matrix metalloproteinase 10 (stromelysin 2) stromelysin 2 transin 2

Disease

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