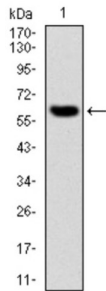
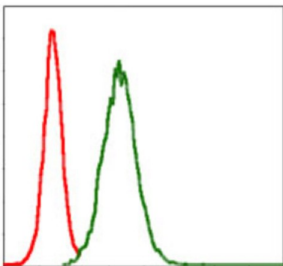


Matrix Metalloproteinase 3 / Stromelysin-1 (MMP3) Antibody

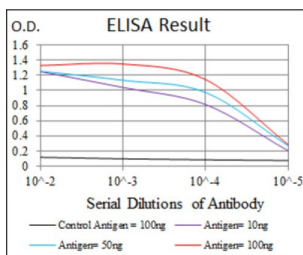
Catalogue No.: abx011406



Western blot analysis using MMP3 antibody against human MMP3 (AA: 189-441) recombinant protein. (Expected MW is 54 kDa).



Flow cytometric analysis of NIH/3T3 cells using MMP3 antibody (green) and negative control (red).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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. This gene encodes an enzyme which degrades fibronectin, laminin, collagens III, IV, IX, and X, and cartilage proteoglycans. The enzyme is thought to be involved in wound repair, progression of atherosclerosis, and tumor initiation. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

Target: Matrix Metalloproteinase 3 / Stromelysin-1 (MMP3)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, FCM

Host: Mouse

Datasheet

Version: 2.0.0
Revision date: 06 Oct 2024



Recommended dilutions:	ELISA: 1/10000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human MMP3 expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P08254 (UniProt , ExPASy)
Gene Symbol:	MMP3
GeneID:	4314
OMIM:	185250
HGNC:	7173
KEGG:	hsa:4314
Ensembl:	ENSG00000149968
String:	9606.ENSP00000299855
Enzyme Commission Number:	EC 3.4.24.17, EC 3.4.24
Molecular Weight:	54 kDa
Buffer:	PBS, containing 0.05% sodium azide.
Concentration:	1 mg/ml
Note:	This product is for research use only.