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anti-MMP14 antibody (AA 112-246)





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Overview

Quantity:	0.1 mg
Target:	MMP14
Binding Specificity:	AA 112-246
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human MMP14 (AA: 112-246) expressed in E. coli.
Clone:	6A11D1
Isotype:	lgG1
Purification:	purified

Target Details

Target:	MMP14
Alternative Name:	MMP14 (MMP14 Products)
Background:	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 MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily, each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted. This protein activates MMP2 protein, and this activity may be involved in tumor invasion.,

Aliases: MMP-14, MMP-X1, MT-MMP, MT1MMP, MTMMP1, WNCHRS, MT1-MMP, MT-MMP 1

Molecular Weight:	65.9 kDa
Gene ID:	4323
HGNC:	4323

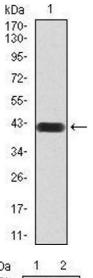
Pathways: Autophagy

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: , FCM: 1:200 - 1:400
Restrictions:	For Research Use only

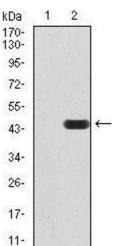
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



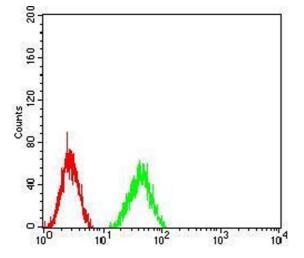
Western Blotting

Image 1. Western blot analysis using MMP14 mAb against human MMP14 (AA: 112-246) recombinant protein. (Expected MW is 41.3 kDa)



Western Blotting

Image 2. Western blot analysis using MMP14 mAb against HEK293 (1) and MMP14 (AA: 112-246)-hlgGFc transfected HEK293 (2) cell lysate.



Flow Cytometry

Image 3. Flow cytometric analysis of HT1080 cells using MMP14 mouse mAb (green) and negative control (red).

Please check the product details page for more images. Overall 6 images are available for ABIN5542659.