Rev03
Update: Aug,08,2025

DATASHEET

MMP1 Antibody, mAb, Rabbit

Cat. No.: A02724

Overview

Specificity	This product is specific to MMP1
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human MMP1
Species Reactivity	Human
Conjugate	Unconjugated

Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

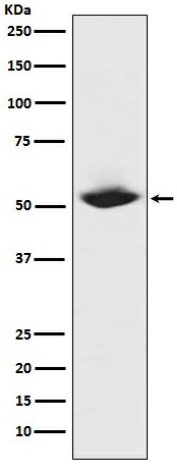
Application	Recommended Usage
Western Blot	1:1000-1:2000
Immunohistochemistry (IHC)	1:100-1:200
Immunocytochemistry/Immunofluorescence (ICC/IF)	1:50-1:200
Immunohistochemistry Frozen (IHF)	1:50-1:200
Flow Cytometry	1:20-1:100

Properties

Form	Liquid
Storage Buffer	Supplied in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed.
Purification	Affinity-chromatography

Isotype	Rabbit IgG
Clonality	Monoclonal

Examples



Western blot analysis of MMP1 expression in MMP1 recombinant protein.

Background

Target Background : Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X. In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity.

Synonyms : MMP1;CLG;CLGN; Fibroblast collagenase; Matrix metalloprotease 1;

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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