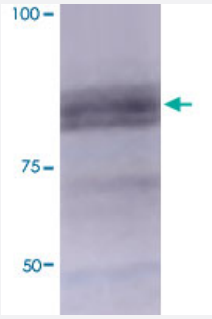
Mmp9 monoclonal antibody, clone S51-82 (Biotin)

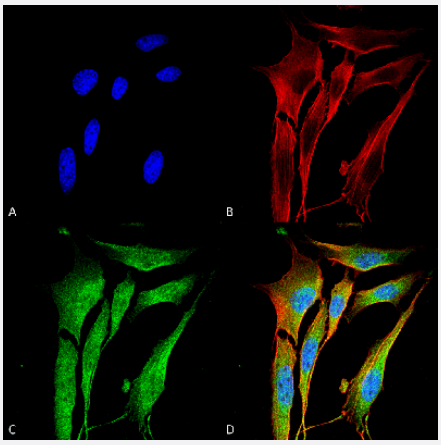
Catalog # MAB16990 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western Blot analysis of rat brain tissue lysate with Mmp9 monoclonal antibody, clone S51-82 (Biotin) (Cat # MAB16990).



Immunocytochemistry

Immunocytochemical staining of NIH/3T3 with Mmp9 monoclonal antibody, clone S51-82 (Biotin) (Cat # MAB16990). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Mmp9 Antibody and (D) Composite.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant rat Mmp9.
Immunogen	Recombinant protein corresponding to full length rat Mmp9.
Host	Mouse
Reactivity	Mouse, Rat
Form	Liquid

Conjugation	Biotin
Purification	Protein G purification
Isotype	IgG2a
Recommend Usage	Flow Cytometry Immunocytochemistry (1:100) Immunofluorescence (1:100) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Immunoprecipitation Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

  Western Blot analysis of rat brain tissue lysate with Mmp9 monoclonal antibody, clone S51-82 (Biotin) (Cat # MAB16990).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

  Immunocytochemical staining of NIH/3T3 with Mmp9 monoclonal antibody, clone S51-82 (Biotin) (Cat # MAB16990). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Mmp9 Antibody and (D) Composite.

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

Gene Info — Mmp9

Entrez GeneID	81687
Protein Accession#	P50282

Gene Name	Mmp9
Gene Alias	-
Gene Description	matrix metallopeptidase 9
Gene Ontology	Hyperlink
Gene Summary	92-kDa type IV collagenase)
Other Designations	92-kDa type IV collagenase|gelatinase B|matrix metalloproteinase 9|matrix metalloproteinase 9 (gelatinase B 92-kDa type IV collagenase)|matrix metalloproteinase 9 (gelatinase B, 92-kDa type I V collagenase)

Publication Reference

- A functional polymorphism in THBS2 that affects alternative splicing and MMP binding is associated with lumbar-disc herniation.

  Hirose Y, Chiba K, Karasugi T, Nakajima M, Kawaguchi Y, Mikami Y, Furuichi T, Mio F, Miyake A, Miyamoto T, Ozaki K, Takahashi A, Mizuta H, Kubo T, Kimura T, Tanaka T, Toyama Y, Ikegawa S.

  American Journal of Human Genetics 2008 May; 82(5):1122.