

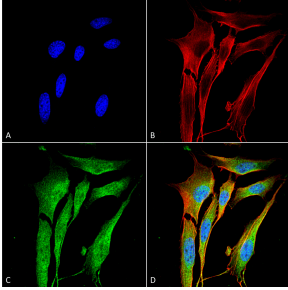
Anti-MMP9 Antibody [S51-82] (A305026)

Specifications:

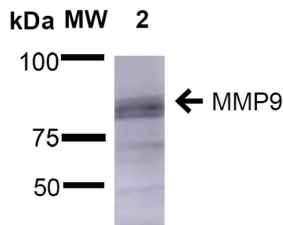
Name:	Anti-MMP9 Antibody [S51-82]
Description:	Mouse monoclonal [S51-82] antibody to MMP9.
Specificity:	This antibody detects pro and active forms.
Applications:	WB, IHC, ICC/IF, IP, Flow Cytometry
Recommended Dilutions:	WB: 1:1,000, ICC/IF: 1:100
Reactivity:	Human, Mouse, Rat
Immunogen:	Fusion protein amino acids 1-708 (full length) of rat MMP9.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	S51-82
Isotype:	IgG2a
Conjugate:	Unconjugated
Purification:	Protein G purification.
Concentration:	1 mg/ml
Molecular Weight:	~82 kDa / ~92 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.4, with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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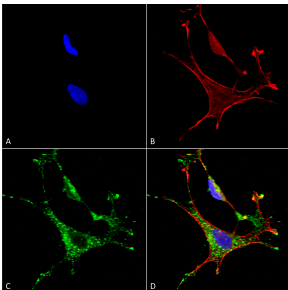
Images:



Immunocytochemistry/Immunofluorescence analysis of mouse NIH 3T3, fixed in 4% formaldehyde for 15 min at room temperature, using Anti-MMP9 Antibody [S51-82] (A305026), at 1:100 for 60 minutes at room temperature. The secondary antibody used was Goat Anti-Mouse ATTO 488 at 1:200 for 60 minutes at room temperature. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5,000 for 60 minutes at room temperature, 5 minutes at room temperature. Localization: Cytoplasm. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) MMP9 Antibody. (D) Composite.



Western blot analysis of rat brain showing detection of ~92 kDa and ~82 kDa (pro and active) MMP9 protein using Anti-MMP9 Antibody [S51-82] (A305026) at 1:1,000 for 2 hours at room temperature. Lane 1: Molecular Weight Ladder (MW). Lane 2: rat Brain. Load: 15 µg. Block: 5% Skim Milk in 1X TBST. The secondary antibody used was Goat Anti-Mouse IgG: HRP at 1:2000 for 60 minutes at room temperature. Color Development: ECL solution for 5 minutes at room temperature. Predicted/Observed Size: ~92 kDa and ~82 kDa (pro and active).



Immunocytochemistry/Immunofluorescence analysis of human neuroblastoma cells (SH-SY5Y), fixed in 4% PFA for 15 min, using Anti-MMP9 Antibody [S51-82] (A305026), at 1:50 for overnight at 4°C with slow rocking. The secondary antibody used was AlexaFluor 488 at 1:1,000 for 1 hour at room temperature. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 minutes at room temperature. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) MMP9 Antibody (D) Composite.