

AB-NN292-1

MMP9 Antibody

Pan-specific monoclonal antibody (S51-82) for monitoring the expression of rat MMP9



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Matrix metalloproteinase-9
Alias:	MMP-9, CLG4B, 82kDa matrix metalloproteinase-9, collagenase type 4 beta, GELB , Macrophage gelatinase, MANDP2, Type V collagenase, 92 kDa gelatinase, 92 kDa type IV collagenase, Gelatinase B, MMP9, Matrix metalloproteinase 9
UniProt ID:	P50282 - Rat
Human Predicted Mass (KDa):	78.458 (707 AA; P14780-1)
Observed SDS-PAGE Mass (KDa):	92 and 82

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 1-708 (full length) of rat MMP9
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	IgG2a
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC IP FCM
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-396 was sufficient for detection of MMP9 in 20 µg of COS-1 cells (lysate) transfected with human MMP9 by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~92 kDa protein and ~82 kDa protein (pro and active forms).
Antibody Specificity:	Very High

This product is for in vitro research use only and is not intended for use in humans or animals.

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