

AB-NN189-2

ADAM22 (extracellular) Antibody

Pan-specific monoclonal antibody (S57-2) for monitoring the expression of mouse ADAM22 (extracellular)



KINEXUS

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Target Protein

Name Long:	Disintegrin and metalloproteinase domain-containing protein 22 (ADAM22 (extracellular))
Alias:	MDC2, Disintegrin and metalloproteinase domain-containing protein 22, Metalloproteinase disintegrin ADAM22-3, Metalloproteinase-like disintegrin-like and cysteine-rich protein 2, ADAM 22, ADAM metalloproteinase domain 22, MGC149832
UniProt ID:	Q9R1V6 - Mouse
Human Predicted Mass (kDa):	100.433 (906 AA; Q9P0K1-1); 100.269 (899 AA; Q9P0K1-2); 96.637 (870 AA; Q9P0K1-5); 95.288 (859 AA; Q9P0K1-3); 91.492 (823 AA; Q9P0K1-4)
Observed SDS-PAGE Mass (kDa):	90

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 444-526 (extracellular disintegrin domain) of mouse ADAM22
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	44 IgG1
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 ICC/IF IP
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-412 was sufficient for detection of ADAM22 in 10 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects the extracellular domain of ADAM22 ~90 kDa protein. Weakly reactive in human samples.
Antibody Cross Reactivities:	Does not cross-react with ADAM11.

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

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987