

# AB-NN189-1

## ADAM22 (cytoplasmic) Antibody

Pan-specific monoclonal antibody (S46-30) for monitoring the expression of mouse ADAM22 (cytoplasmic)



**KINEXUS**

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### Target Protein

<b>Name Long:</b>	Disintegrin and metalloproteinase domain-containing protein 22 (ADAM22 (cytoplasmic))
<b>Alias:</b>	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
<b>UniProt ID:</b>	Q9R1V6 - Mouse
<b>Human Predicted Mass (kDa):</b>	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)
<b>Observed SDS-PAGE Mass (kDa):</b>	90

### Immunogen

<b>Antibody Immunogen Source:</b>	Fusion protein amino acids 757-857 (cytoplasmic region) of mouse ADAM22
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	43 IgG2B
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	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

<b>Product Use:</b>	WB   IHC   IP
<b>Antibody Dilution Recommended:</b>	WB (1:1000), IHC (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat
<b>Antibody Positive Control:</b>	1 µg/ml of SMC-411 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.
<b>Target Detection Immunoblotting:</b>	Detects the cytoplasmic domain of ADAM22 ~90 kDa protein. Weak human detection.

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](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987