

Product Datasheet

Anti-ADAM22 (Cytoplasmic) Antibody FL490 Conjugate

NeuroMab



KO Validated

Overview

Catalog #	75-083-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone Number	N46/30
Size	200 μ L
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Human, Mouse, and Rat
Immunogen	Fusion protein amino acids 757-857 (cytoplasmic region) of mouse ADAM22 (accession number Q9R1V6) produced recombinantly in E. Coli
Molecular Weight	90 kDa
Cite this Antibody	Antibodies Inc Cat# 75-083-FL490, RRID: AB_2939316

Details

Target Description	ADAM22 is a member of the ADAM (a disintegrin and metalloproteinase) family and predominantly expressed in brain. ADAM 22 is non-catalytic unlike other proteins in the family as it does not contain a zinc binding domain. ADAM22 is a post synaptic neuron receptor for LGI 1 and also binds LGI4. ADAM22 serve as an integrin ligand. Mutations in ADAM22 are implicated in early infantile epileptic encephalopathy-61 and Brachydactyly type C.
Specificity	No cross-reactivity reported
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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