

Product Datasheet

Anti-ADAM11 Antibody FL490 Conjugate



Overview

Catalog #	75-432-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone Number	N441/35
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	Mouse and Rat
Immunogen	Fusion protein amino acids 243-441 (extracellular domain) of mouse ADAM11 (accession number Q9R1V4) produced recombinantly in E. Coli
Molecular Weight	75 kDa
Cite this Antibody	Antibodies Inc Cat# 75-432-FL490, RRID: AB_2940436

Details

Target Description	Disintegrin and metalloproteinase domain-containing protein 11, Metalloproteinase-Like, Disintegrin-Like, Cysteine-Rich Protein, or ADAM11 is encoded by the gene ADAM11 and a member of the ADAM (a disintegrin and metalloproteinase) family. ADAM11 is a single-pass type I membrane protein without catalytic metalloprotease-like properties. It is thought to be a ligand for integrin in the brain. ADAM11 is also weakly detected in the heart, liver and testis.
Specificity	Does not cross-react with ADAM22
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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