

## Product Datasheet

## Anti-ADAM22 (Extracellular) Antibody FL650 Conjugate



## Overview

<b>Catalog #</b>	75-093-FL650
<b>Conjugate</b>	FL650 Ex: 655 nm, Em: 676 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N57/2
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC
<b>Species Reactivity</b>	Human, Mouse, and Rat
<b>Immunogen</b>	Fusion protein amino acids 444-526 (extracellular disintegrin domain) of mouse ADAM22 (accession number Q9R1V6) produced recombinantly in E. Coli
<b>Molecular Weight</b>	90 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-093-FL650, RRID: AB_2939347

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	No cross-reactivity reported
<b>Purification Method</b>	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.
<b>Quality Control Tests</b>	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.
<b>Storage</b>	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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