Datasheet for ABIN7595847

anti-ADAM22 antibody (AA 444-526) (FL650)

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Overview

Quantity:	200 µL
Target:	ADAM22
Binding Specificity:	AA 444-526
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ADAM22 antibody is conjugated to FL650
Application:	Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-ADAM22 (Extracellular) Antibody FL650 Conjugate
Immunogen:	Fusion protein amino acids 444-526 (extracellular disintegrin domain) of mouse ADAM22 (accession number Q9R1V6) produced recombinantly in E. Coli
Clone:	N57-2
Isotype:	IgG1
Specificity:	No off-targets reported
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Description: Our Anti-ADAM22 (extracellular) mouse monoclonal primary antibody is produced in-house from hybridoma clone N57/2. It is KO validated, detects human, mouse, and rat ADAM22 (extracellular), and is purified by Protein A chromatography. It is great for use in IHC,

Product Details

	ICC. Manufacturer Comment: We produce our ADAM22 (extracellular) mouse monoclonal primary antibody from hybridoma clone N57/2. It is great in IHC, ICC and is purified by Protein A chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb.
Purity:	> 90 % specific antibody

Target Details

Target:	ADAM22
Alternative Name:	ADAM22 (ADAM22 Products)
Background:	Synonyms: Disintegrin and metalloproteinase domain-containing protein 22 (ADAM 22) 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. Gene Name Alternatives: Adam22
Molecular Weight:	90 kDa

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.09 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	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.
Expiry Date:	12 months