

Datasheet for ABIN7595583

anti-ADAM22 antibody (AA 444-526) (FL550)



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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 FL550
Application:	Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-ADAM22 (Extracellular) Antibody FL550 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
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Storage Comment:	Aliquot and store at $\leq -20^{\circ}\text{C}$ 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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Expiry Date:	12 months
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