

Product Datasheet

Anti-AMIGO-1 Antibody FL490 Conjugate



Overview

Catalog #	75-317-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2a
Clone Number	L86/33
Size	200 µL
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 554-574 (cytoplasmic C-terminus) of human AMIGO-1 (accession number Q86WK6) produced recombinantly in E. Coli
Molecular Weight	60-80 kDa depending on maturity/glycosylation
Cite this Antibody	Antibodies Inc Cat# 75-317-FL490, RRID: AB_2940108

Details

Target Description	Amphoterin-induced protein 1, amphoterin-induced gene and open reading frame, Adhesion Molecule With Ig Like Domain 1 or Amigo-1 is encoded by the gene AMIGO1 and is a member of the AMIGO family. Amigo1 acts as a neuronal adhesion protein and contains leucine-rich repeat and immunoglobulin domains. It is thought to play a role in cell to cell interactions and in neuronal plasticity/regeneration. Amigo1 is expressed in the nervous system and at low levels in liver, kidney, spleen, lung and heart.
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.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

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