

Product Datasheet

Anti-AMIGO-1 Antibody FL490 Conjugate



Overview

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| Catalog # | 75-329-FL490 |
| Conjugate | FL490 Ex: 491 nm, Em: 515 nm |
| Isotype | IgG2b |
| Clone Number | L86A/37 |
| 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 395-493 (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# 75-329-FL490, RRID: AB_2940140 |

Details

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| 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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