

## Product Datasheet

## Anti-AMIGO-1 Antibody FL594 Conjugate



## Overview

<b>Catalog #</b>	75-329-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG2b
<b>Clone Number</b>	L86A/37
<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, IHC
<b>Species Reactivity</b>	Human, Mouse, and Rat
<b>Immunogen</b>	Fusion protein amino acids 395-493 (cytoplasmic C-terminus) of human AMIGO-1 (accession number Q86WK6) produced recombinantly in E. Coli
<b>Molecular Weight</b>	60-80 kDa depending on maturity/glycosylation
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-329-FL594, RRID: AB_2940142

## Details

<b>Target Description</b>	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.
<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.

**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**

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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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