

Product Datasheet

Anti-IRSp53/BAIAP2 Antibody FL594 Conjugate



Overview

Catalog #	75-449-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	L117/1
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 1-250 (N-terminus) of human BAIAP2 (accession number Q9UQB8) produced recombinantly in E. Coli
Molecular Weight	50-60 kDa
Cite this Antibody	Antibodies Inc Cat# 75-449-FL594, RRID: AB_2940494

Details

Target Description	Brain-specific angiogenesis inhibitor 1-associated protein 2 or IRSp53/BAIAP2 is encoded by the gene BAIAP2 and is a MAGUK (membrane-associated guanylate kinase homolog) family. BAIAP2 is an adaptor protein which links G-proteins in the membrane to cytoplasmic proteins and is involved in cell processes including regulation of the actin cytoskeleton, neurite growth and the promotion of filopodia formation. Multiple isoforms of BAIAP2 exist with differential tissue expression. Diseases associated with BAIAP2 include Dentatorubral-Pallidolusian Atrophy and Attention Deficit-Hyperactivity Disorder.
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.

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