

## Product Datasheet

## Anti-IRSp53/BAIAP2 Antibody FL650 Conjugate



## Overview

<b>Catalog #</b>	75-449-FL650
<b>Conjugate</b>	FL650 Ex: 655 nm, Em: 676 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	L117/1
<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 1-250 (N-terminus) of human BAIAP2 (accession number Q9UQB8) produced recombinantly in E. Coli
<b>Molecular Weight</b>	50-60 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-449-FL650, RRID: AB_2940495

## Details

<b>Target Description</b>	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 filipodia formation. Multiple isoforms of BAIAP2 exist with differential tissue expression. Diseases associated with BAIAP2 include Dentatorubral-Pallidolusian Atrophy and Attention Deficit-Hyperactivity Disorder.
<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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