

Product Datasheet

Anti-JIP-2/IB-2 Antibody FL490 Conjugate



Overview

Catalog #	75-163-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N135/37
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	Mouse and Rat
Immunogen	Fusion protein amino acids 226-421 of mouse JIP-2/IB-2 (accession number Q9ERE9) produced recombinantly in E. Coli
Molecular Weight	90 kDa
Cite this Antibody	Antibodies Inc Cat# 75-163-FL490, RRID: AB_2939604

Details

Target Description	Mitogen-activated protein kinase 8 interacting protein 2 is encoded by the gene MAPK8IP2. MAPK8IP2 is a member of the JIP scaffold family. MAPK8IP2 is a scaffold protein that is involved in the regulation of the c-Jun amino-terminal kinase signaling pathway. MAPK8IP2 has been shown to interact with and regulate the activity of MAPK8/JNK1 and MAP2K7/MKK7 kinases. MAPK8IP2 is expressed in the brain and testis. Diseases associated with MAPK8IP2 include Cervical Verrucous Carcinoma and Isthmus Cancer.
Specificity	Does not react with JIP-1
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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