

Product Datasheet

Anti-BAF53b Antibody FL490 Conjugate



Overview

Catalog #	75-311-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N332B/15
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 and Mouse
Immunogen	Fusion protein amino acids 39-114 (TTVGLLAAEEGGGLELEGDKEKKGKIFIHIDTNALHVPRDGAEVMSPLKNGMIEDWECFRAILDHTYSKHVKSEP NL, actin subdomain 2) of human BAF53b (accession number O94805) produced recombinantly in E. Coli
Molecular Weight	53 kDa
Cite this Antibody	Antibodies Inc Cat# 75-311-FL490, RRID: AB_2940084

Details

Target Description	Actin Like 6B, of BAFcomplex 53 KDa Subunit (BAF53b) is encoded by the gene ACTL6B and is a member of actin-related proteins family. It is a subunit of the neuron specific chromatin remodeling complex (nBAF complex). ACTL6B plays a role in remodeling mononucleosomes in an ATP-dependent fashion, and is required for postmitotic neural development and dendritic outgrowth. Diseases associated with ACTL6B include Early Infantile Epileptic Encephalopathy 76 and Intellectual Developmental Disorder with Severe Speech and Ambulation Defects.
Specificity	Does not cross-react with BAF53a
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 IHC on either rat or mouse brain and confirmed to give the expected staining pattern.

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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