

Product Datasheet

Anti-BAF53a Antibody FL490 Conjugate



Overview

Catalog #	75-330-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone Number	N336B/83
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 43-119 (MVVERDDGSTLMEIDGDKGKGGPTYIIDTNALRVPRENMEAISPLKNGMVEDWDSFQAILDHTYKMHVKSE ASLHP, actin subdomain 2) of human BAF53a (accession number O96019) produced recombinantly in E. Coli
Molecular Weight	53 kDa
Cite this Antibody	Antibodies Inc Cat# 75-330-FL490, RRID: AB_2940144

Details

Target Description	Actin-like protein 6A, or BAF Complex 53 KDa Subunit (BAF53a) is encoded by the gene ACTL6A and is a member of actin-related proteins family. It is a subunit of the neuron specific chromatin remodeling complex (nBAF complex). BAF53a is thought to be involved in transcriptional activation and repression of chromatin remodeling. BAF53a is a subunit of the neural progenitors-specific chromatin remodeling complex (npBAF complex). BAF53a is expressed in many different cell types. Diseases associated with ACTL6A include Coffin-siris syndrome and Brachymorphism-Onychodysplasia-Dysphalangism Syndrome.
Specificity	Does not cross-react with BAF53b
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 on cells overexpressing target protein 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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