

## Product Datasheet

# Anti-BAF53a Antibody FL594 Conjugate



## Overview

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<b>Catalog #</b>	75-330-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG2b
<b>Clone Number</b>	N336B/83
<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 43-119 (MVVERDDGSTLMEIDGDKGKGGPTYIIDTNALRVPRENMEAISPLKNGMVEDWDSFQAILDHTYKMHVKSE ASLHP, actin subdomain 2) of human BAF53a (accession number O96019) produced recombinantly in E. Coli
<b>Molecular Weight</b>	53 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-330-FL594, RRID: AB_2940146

## Details

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<b>Target Description</b>	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-Nychodysplasia-Dysphalangism Syndrome.
<b>Specificity</b>	Does not cross-react with BAF53b
<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.

**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**

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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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