

## Product Datasheet

## Anti-BBS3/Arl6 Antibody FL594 Conjugate



## Overview

<b>Catalog #</b>	75-270-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N302/10
<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 1-186 (full-length) of human ADP-ribosylation factor-like protein 6 (accession number Q9H0F7) produced recombinantly in E. Coli
<b>Molecular Weight</b>	20 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-270-FL594, RRID: AB_2939970

## Details

<b>Target Description</b>	ADP-ribosylation factor-like protein 6, Bardet-Biedl syndrome 3 protein or BBS3/Arl6 is encoded by the gene ARL6 and is a member of the ARF family withing the small GTPase superfamily. BBS3 acts as a regulator of cellular traffic and has roles in protein transport and membrane trafficking. BBS3 is widely expressed in tissues including brain, eye, heart and kidney. Mutations in this gene are associated with Bardet-Biedl syndrome (BBS).
<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.
<b>Storage</b>	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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