

Product Datasheet

Anti-BBS3/Arl6 Antibody FL490 Conjugate



Overview

Catalog #	75-270-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N302/10
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 1-186 (full-length) of human ADP-ribosylation factor-like protein 6 (accession number Q9H0F7) produced recombinantly in E. Coli
Molecular Weight	20 kDa
Cite this Antibody	Antibodies Inc Cat# 75-270-FL490, RRID: AB_2939968

Details

Target Description	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).
Specificity	No cross-reactivity reported
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 ≤ -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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