

Product Datasheet

Anti-BBS5 Antibody FL490 Conjugate



Overview

Catalog #	75-321-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2a
Clone Number	N304B/115
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
Species Reactivity	Human, Mouse, and Rat
Immunogen	Fusion protein amino acids 150-273 of human BBS5 (accession number Q8N3I7) produced recombinantly in E. Coli
Molecular Weight	40-45 kDa
Cite this Antibody	Antibodies Inc Cat# 75-321-FL490, RRID: AB_2940116

Details

Target Description	Bardet-Biedl syndrome 5 protein or BBS5 is encoded by the gene BBS5 and is one component of the BBSome, a complex of proteins that regulates the protein composition in cilia. The BBSome complex is thought to function as a coat complex required for sorting of specific membrane proteins to the primary cilia. BBS5 is expressed in many tissues including brain, heart, eye, kidney and testes. Diseases associated with BBS5 include Bardet-Biedl Syndrome 5 and Bardet-Biedl Syndrome.
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 $\leq -20^{\circ}\text{C}$ 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.

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