

## Product Datasheet

## Anti-BBS5 Antibody FL594 Conjugate



## Overview

<b>Catalog #</b>	75-321-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG2a
<b>Clone Number</b>	N304B/115
<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
<b>Species Reactivity</b>	Human, Mouse, and Rat
<b>Immunogen</b>	Fusion protein amino acids 150-273 of human BBS5 (accession number Q8N317) produced recombinantly in E. Coli
<b>Molecular Weight</b>	40-45 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-321-FL594, RRID: AB_2940118

## Details

<b>Target Description</b>	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.
<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.

**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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