

Product Datasheet

Anti-ARHGAP4 Antibody FL594 Conjugate



Overview

Catalog #	75-299-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	N290B/25
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	Mouse and Rat
Immunogen	Synthetic peptide amino acids 19-34 (AQVKEMRWQLSEQLHC, FCH domain) of mouse ARHGAP4 (accession number Q8VHL8)
Molecular Weight	115 kDa
Cite this Antibody	Antibodies Inc Cat# 75-299-FL594, RRID: AB_2940050

Details

Target Description	Rho GTPase-activating protein p115 or ARHGAP4 is encoded by the gene ARHGAP4 and is a member of the RHO GTPase-activating proteins (rhoGAP) family of proteins. These proteins play a role in the regulation of small GTP-binding proteins belonging to the RAS superfamily. ARHGAP4 is thought to be involved in axonal outgrowth and the regulation of cell motility. Diseases associated with this gene include types of Diabetes.
Specificity	Does not cross-react with FNBP2
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 IHC on either rat or mouse brain and confirmed to give the expected staining pattern.
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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