

## Product Datasheet

## Anti-ARHGAP4 Antibody FL490 Conjugate



## Overview

<b>Catalog #</b>	75-299-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N290B/25
<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>	Mouse and Rat
<b>Immunogen</b>	Synthetic peptide amino acids 19-34 (AQVKEMRWQLSEQLHC, FCH domain) of mouse ARHGAP4 (accession number Q8VHL8)
<b>Molecular Weight</b>	115 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-299-FL490, RRID: AB_2940048

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	Does not cross-react with FNBP2
<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 IHC on either rat or mouse brain and confirmed to give the expected staining pattern.
<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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