

## Product Datasheet

## Anti-GABA-A-R-Alpha6 Antibody FL550 Conjugate



## Overview

<b>Catalog #</b>	75-388-FL550
<b>Conjugate</b>	FL550 Ex: 550 nm, Em: 575 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N229A/32
<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, IHC
<b>Species Reactivity</b>	Mouse and Rat
<b>Immunogen</b>	Fusion protein amino acids 325-420 (last cytoplasmic domain before extracellular C-terminus) of mouse GABA-A-R-Alpha6 (accession number P16305) produced recombinantly in E. Coli
<b>Molecular Weight</b>	50 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-388-FL550, RRID: AB_2940281

## Details

<b>Target Description</b>	Gamma-aminobutyric acid receptor subunit alpha-6 or GABA-A-R-Alpha6 is encoded by the gene GABRA6. GABAA receptors are members of the Cys-loop family of ligand-gated ion channels. GABA AR alpha 5 is a subunit of the pentameric GABA receptors where GABA is the major inhibitory neurotransmitter in the vertebrate brain and mediates neuronal inhibition by binding to the GABA receptor and opening an integral chloride channel. GABA AR-Alpha6 is primarily expressed in brain at the cell junction, synapse, the postsynaptic cell membrane and cytoplasmic vesicle membrane. Diseases associated with GABRA6 include neurotic disorder and several forms of epilepsy.
<b>Specificity</b>	Does not react with GABA-A-R-Alpha4
<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 on cells overexpressing target protein and confirmed to give the expected staining pattern.

**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**

---

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

**Note:** For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, viewable on our website.