Leinco Technologies, Inc.
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δ GABA-A Receptor Antibody

Monoclonal Antibody

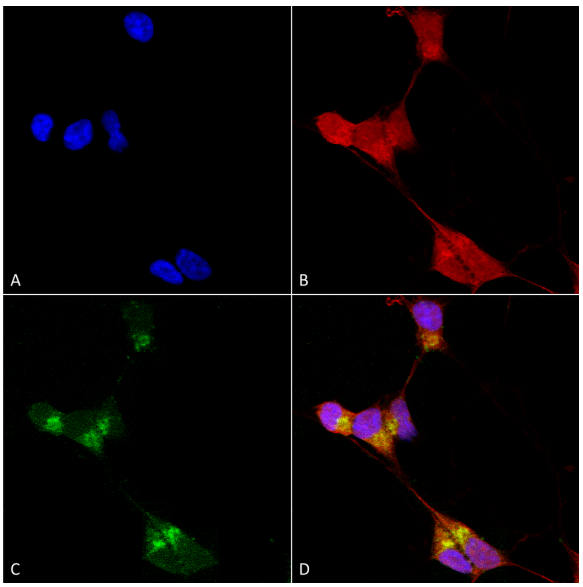
Product Information

Product No.: 56462

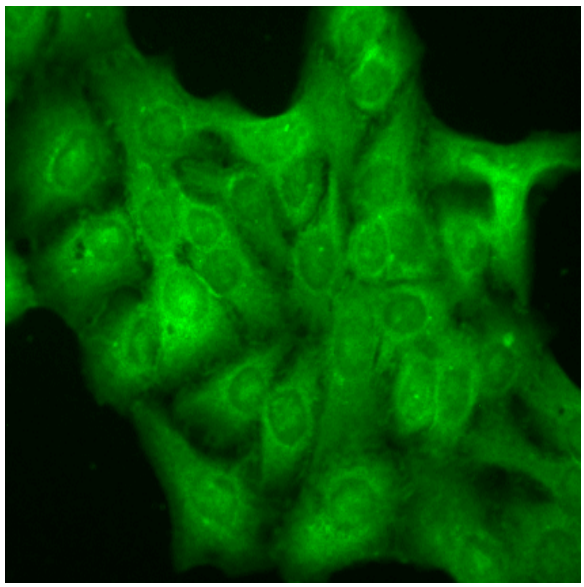
Clone: S151-3

Isotype: Mouse IgG2a

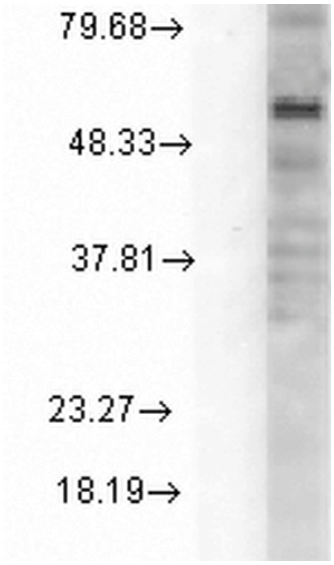
Storage: -20°C



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-GABA-A Receptor Delta Monoclonal Antibody, Clone S151/3



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-GABA A Receptor Monoclonal Antibody, Clone S151/3



Western Blot analysis of Rat Cell line lysates showing detection of GABA A Receptor protein using Mouse Anti-GABA A Receptor Monoclonal Antibody, Clone S151/3

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Product Description

Specificity:
This antibody recognizes mouse and rat Delta GABA-A receptor.

Background:
GABA is the major inhibitory neuro- transmitter in the vertebrate brain. GABA receptors consist of five subunits that form a chloride ion channel. Subunit families alpha, beta, g, and delta have been studied extensively; Ï€ and epsilon have been identified recently. Studies of recombinant GABA receptors have shown that individual subunits and their subtypes confer different sensitivities to GABA receptor modulators. Subunit subtypes are differentially expressed throughout development and in different CNS regions, reducing the total number of possible isoforms that can be formed in different brain regions and in individual cells.

Known Reactivity Species:
Human, Mouse, Rat

Format:
Purified

Immunogen:
Synthetic peptide amino acids 15-34 (N-terminus) of rat GABA-A-R-Delta (accession no. P18506)

Formulation
PBS, pH 7.4; 50% glycerol, 0.09% sodium azide

Storage and Stability
This antibody is stable for at least one (1) year at -20°C.

Avoid multiple freeze-thaw cycles

Product Preparation
Purified by Protein G affinity chromatography

Applications
Applications and Recommended Usage (Quality Tested By Leinco):

Immunoblotting: use at 1-10 µg/mL. A band of ~55 kDa is detected.

Immunohistochemistry and Immunocytochemistry: use at 0.1-1 µg/mL

Immunofluorescence: use at 1-10 µg/mL

These are recommended concentrations. User should determine optimal concentrations for their application.

Positive control: Rat brain

Country of Origin
USA