



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Anti-GABA A Receptor Delta Antibody [S151-3]

Mouse Anti-Rat GABA A Receptor Delta Monoclonal IgG2a  
Catalog No. SMC-345



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

GABA A Receptor Delta Antibody

### Description

Mouse Anti-Rat GABA A Receptor Delta Monoclonal IgG2a

### Species Reactivity

Human, Mouse, Rat

### Applications

WB, ICC/IF

### Antibody Dilution

WB (1:1000), IHC (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.

### Host Species

Mouse

### Immunogen Species

Rat

### Immunogen

Synthetic peptide amino acids 15-34 of rat GABA-A-R-Delta

### Concentration

1 mg/ml

### Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

## Properties

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### Storage Buffer

PBS pH7.4, 50% glycerol, 0.09% sodium azide

### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

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**Purification**

Protein G Purified

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**Clonality**

Monoclonal

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**Clone Number**

S151-3

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**Isotype**

IgG2a

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**Specificity**

Detects ~55kDa.

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**Cite This Product**

Mouse Anti-Rat GABA A Receptor Delta Monoclonal, Clone S151-3 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SMC-345)

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**Certificate Of Analysis**

2 µg/ml of SMC-345 was sufficient for detection of Delta1 GABA-A receptor in 10 µg of rat brain lysate by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.

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**Biological Description**

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**Alternative Names**

GABAA-RD Antibody, Gabrd Antibody, MGC105467 Antibody

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**Research Areas**

GABA Receptors, GABAA Receptors, Neuroscience, Neurotransmitter Receptors

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**Cellular Localization**

Cell Junction, Cell membrane, Postsynaptic cell membrane, Synapse

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**Accession Number**

NP\_058985.1

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**Gene ID**

29689

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**Swiss Prot**

P18506

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**Scientific Background**

The GABA-A receptor is a member of the superfamily of fast acting ligand-gated ion channels. The individual subunits of these receptors have similar sequences and structural features (1). GABA-A receptors are the major fast inhibitory neurotransmitter gated ion channels in the brain (2).

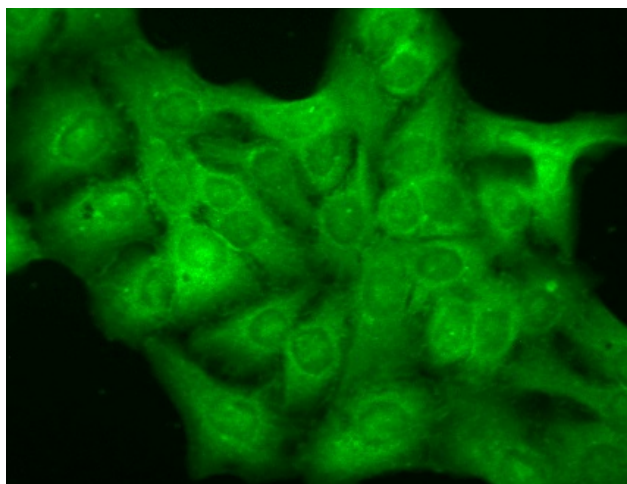
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**References**

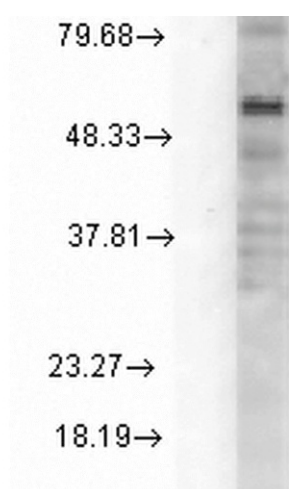
1. Bracamontes J.R. and Steinbach J.H. (2008) J Bio Chem. 283: 26128-26136.
  2. Macdonald R.L., Olsen R.W. (1993) Annu Rev Neurosci. 17: 569-602.
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## Product Images

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Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-GABA A Receptor Monoclonal Antibody, Clone S151-3 (SMC-345). Tissue: HaCaT cells. Species: Human. Fixation: Cold 100% methanol for 10 minutes at -20°C. Primary Antibody: Mouse Anti-GABA A Receptor Monoclonal Antibody (SMC-345) at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Diffuse cytoplasm and dull nuclei.



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 (SMC-345). Load: 15 µg protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-GABA A Receptor Monoclonal Antibody (SMC-345) at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.

## Product Citations (2)

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### Other Citations

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#### **Biomarker Analysis with Grating Coupled Surface Plasmon Coupled Fluorescence.**

Mendoza, A., Dias, J.A., Zeltner, T. and Lawrence, D.A. (2014) J Adv Bio & Biotech. 1(1): 1-22.

**PubMed ID:**   **Reactivity:** Human   **Applications:** Antibody Microarray

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**PubMed ID:**   **Reactivity:** Mouse   **Applications:** Antibody Microarray

## Reviews

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There are no reviews yet.