

5-HT2A receptor antibody

Cat. No. GTX04247

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-Fr, FCM
Reactivity	Human, Mouse, Rat

Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent

Not tested in other applications.

Calculated MW 53 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.05% sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.9 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)SEASNWTIDAENR, corresponding to amino acid residues 40-52 (Extracellular, N-terminus) of rat 5-Hydroxytryptamine receptor 2A (Accession P14842).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

Note

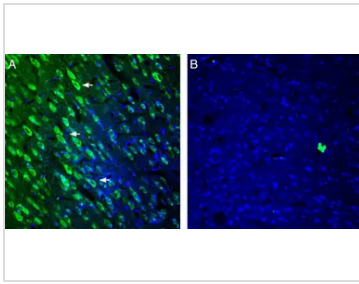
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DATA IMAGES

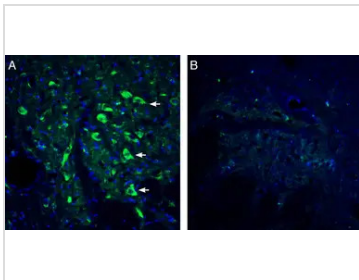
**GTX04247 IHC-Fr Image**

IHC-Fr analysis of rat brain tissue (dorsal raphe nucleus) using GTX04247 5-HT_{2A} receptor antibody prior incubated with (Panel B) or without (Panel A) immunogen peptide. 5HT_{2A} Receptor immunoreactivity appears in outlines of cortical neurons (arrows).

Green : Primary antibody

Blue : DAPI

Dilution : 1:1200

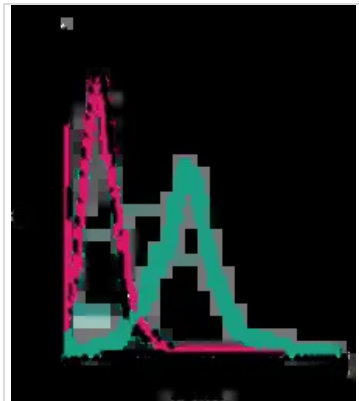
**GTX04247 IHC-Fr Image**

IHC-Fr analysis of rat brain tissue (cingulate cortex) using GTX04247 5-HT_{2A} receptor antibody prior incubated with (Panel B) or without (Panel A) immunogen peptide. 5HT_{2A} Receptor immunoreactivity appears in outlines of neurons (arrows).

Green : Primary antibody

Blue : DAPI

Dilution : 1:1200

**GTX04247 FCM Image**

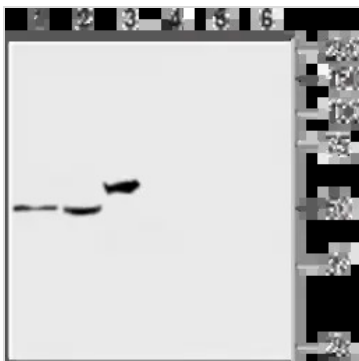
FACS analysis of MEG-01 cells using GTX04247 5-HT_{2A} receptor antibody.

Antibody amount : 5 µg

Green : Primary antibody

Black : Unlabelled sample

Pink : Secondary antibody only

**GTX04247 WB Image**

WB analysis of various lysates using GTX04247 5-HT_{2A} receptor antibody prior incubated with (Lane 4-6) or without (Lane 1-3) immunogen peptide.

Lane 1 and 4 : Rat Dorsal Root Ganglion

Lane 2 and 5 : Mouse brain

Lane 3 and 6 : SH-SY5Y

Dilution : 1:200



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