Human 5-HT1D Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 1014728

Catalog Number: FAB10354R

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human 5-HT1D in direct ELISAs.
Source	Monoclonal Mouse IgG_1 Clone # 1014728
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic peptide containing human 5-HT1D Accession # P28221
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Human 5-hydroxytryptamine receptor 1D, or 5-HT1D, is a G-protein coupled receptor for serotonin. 5-HT1D also functions as a receptor for ergot alkaloid derivatives, various anxiolytic and antidepressant drugs and other psychoactive substances. Ligand binding causes a conformation changes in a typical G-protein/adenylate cyclase fashion.

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