

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human 5HT1B.
Source	Monoclonal Mouse IgG ₁ Clone # 499325
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human 5HT1B Met1-Ser390 Accession # P28222
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

5HT1B is a 7TM receptor for serotonin and is expressed on striatal neurons and Purkinje cells in the cerebellum. 5HT1B ligation inhibits glycinergic signaling, appetite, circadian rhythm light responsiveness, and trigeminal-mediated nociception. It is an important pharmacologic target in the treatment of migraine headaches. Human 5HT1B shares 92% aa sequence identity with mouse and rat 5HT1B.

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