

Human Latrophilin 2/LPHN2 Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 1030202

Catalog Number: FAB105881R

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Latrophilin 2/LPHN2 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 1030202
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human Latrophilin 2/LPHN2 synthetic peptide Accession # O95490
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and 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.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	HEK293 Human Cell Line transfected with Human LPHN2

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. <ul style="list-style-type: none"> • 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Latrophilin 2 (LPHN2) is a G-protein coupled receptor which functions in both cell adhesion and signal transduction. Latrophilin represents a phylogenetically conserved family of receptors which has an unusual structure consisting of two fragments that are produced by proteolytic cleavage of the parental molecule and behave independently in the plasma membrane. LPHN2 is a ubiquitous receptor for alpha-latroxin which is a protein toxin in black widow spider venom that is toxic to vertebrates.

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