

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse Layilin in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 328024
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Layilin Ala22-Glu220 Accession # NP_849156
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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 Layilin and eGFP

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

Layilin is a type I transmembrane protein that acts as a receptor for hyaluronan. It has an extracellular C-type lectin domain and a 123 aa cytoplasmic domain that interacts with the cytoskeleton. The amino acid sequence of recombinant human Layilin is 85%, 82%, 80%, 79% and 76% identical to that of hamster, canine, bovine, mouse and rat.

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