

DESCRIPTION

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| 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 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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

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| 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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