

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects the Hep-1 heparin binding domain of mouse Laminin A/ α 1 subunit (1).
Source	Monoclonal Rat IgG _{2A} Clone # AL-4
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Purified fragment of chymotrypsin-digested mouse EHS tumor-derived Laminin-1
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
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

Laminins are heterotrimeric, non-collagenous glycoproteins composed of α , β , and γ chains. Through interactions with integrins, dystroglycan, and other receptors, Laminins contribute to cell differentiation, cell shape and migration, maintenance of tissue phenotypes, and survival. Laminin-1 is comprised of α 1, β 1, and γ 1 subunits.

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