

## DESCRIPTION

|                                                                                                                                                                                                         |                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b>                                                                                                                                                                               | Mouse                                                                                            |
| <b>Specificity</b>                                                                                                                                                                                      | Detects mouse Laminin-1 in Western blots. This antibody reacts with mouse Laminin-1 β chain (1). |
| <b>Source</b>                                                                                                                                                                                           | Monoclonal Rat IgG <sub>1</sub> Clone # AL-3                                                     |
| <b>Purification</b>                                                                                                                                                                                     | Protein A or G purified from hybridoma culture supernatant                                       |
| <b>Immunogen</b>                                                                                                                                                                                        | Purified fragment of chymotrypsin-digested mouse EHS tumor-derived Laminin-1                     |
| <b>Conjugate</b>                                                                                                                                                                                        | Alexa Fluor 750<br>Excitation Wavelength: 749 nm<br>Emission Wavelength: 775 nm                  |
| <b>Formulation</b>                                                                                                                                                                                      | 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.

|                             |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| <b>Western Blot</b>         | Optimal dilution of this antibody should be experimentally determined. |
| <b>Immunohistochemistry</b> | Optimal dilution of this antibody should be experimentally determined. |

## PREPARATION AND STORAGE

|                                |                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Shipping</b>                | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. |
| <b>Stability &amp; Storage</b> | Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied                          |

## BACKGROUND

Laminins are heterotrimeric, noncollagenous glycoproteins composed of alpha, beta and gamma chains. Through interactions with integrins, dystroglycan, and other receptors, laminins contribute to cell differentiation, cell shape and migration, maintenance of tissue phenotypes, and survival (1, 2).

## PRODUCT SPECIFIC NOTICES

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