

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Laminin alpha 2 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2A} Clone # 1003531
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese Hamster Ovary cell line, CHO-derived human Laminin alpha 2 Lys2145-Asn3122 Accession # P24043
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.

Immunocytochemistry	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

Laminin subunit alpha-2 (LAMA-2) is an extracellular matrix protein that is a main component of the basement membrane. It is thought to mediate the attachment, migration and organization of cells during embryonic development via interacting with other components with the extracellular matrix. It is widely expressed except in the liver, thymus and bone.

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