Datasheet for ABIN534237

anti-Laminin beta 1 antibody

3 Publications

Go to Product page

Overview

Quantity:	100 µg
Target:	Laminin beta 1 (LAMB1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Laminin beta 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Mouse monoclonal antibody raised against partial native LAMB1.
Immunogen:	Native purified human LAMB1.
Clone:	DG10
Isotype:	IgG1
Specificity:	This antibody recognizes the Mr 220000 beta 1-chain of laminin. Mab DG10 appears to react with the NH2-terminus of the Ln beta 1-chain. This antibody reacts with human tissues. Clone DG 10 against laminin beta1-chain is apparently one of the few laminin antibodies working perfectly in immunoblotting.
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Native Purified Protein.

Target Details

Target:	Laminin beta 1 (LAMB1)
Alternative Name:	Laminin beta-1 / LAMB1 (LAMB1 Products)
Gene ID:	3912

Application Details

Application Notes:	The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (1 % BSA, 0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 4°C. Do not freeze.

Publications

Product cited in:

Geberhiwot, Ingerpuu, Pedraza, Neira, Lehto, Virtanen, Kortesmaa, Tryggvason, Engvall, Patarroyo: "Blood platelets contain and secrete laminin-8 (alpha4beta1gamma1) and adhere to laminin-8 via alpha6beta1 integrin." in: **Experimental cell research**, Vol. 253, Issue 2, pp. 723-32, (2000) (PubMed).

Auranen, Rapola, Pihko, Haltia, Leivo, Soinila, Virtanen, Kalimo, Anderson, Santavuori, Somer: " Muscle membrane-skeleton protein changes and histopathological characterization of muscle-eye-brain disease." in: **Neuromuscular disorders : NMD**, Vol. 10, Issue 1, pp. 16-23, (2000) (PubMed).

Korhonen, Ormio, Burgeson, Virtanen, Savilahti: "Unaltered distribution of laminins, fibronectin, and tenascin in celiac intestinal mucosa." in: **The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society**, Vol. 48, Issue 7, pp. 1011-20, (2000) (PubMed).