SZABO SCANDIC

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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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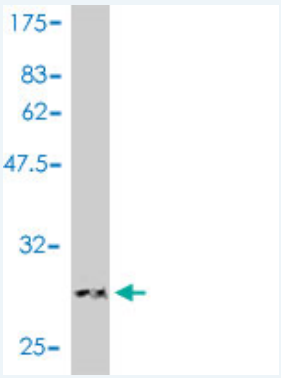
LAMC1 monoclonal antibody (M01), clone 2E6-B4

Catalog # : H00003915-M01 **規格 :** [100 ug]

List All

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant LAMC1.
Immunogen:	LAMC1 (AAH15586, 1 a.a. ~ 38 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MNKRRTSHRIWKNKLPEYMRRPKGPVTKLWRSMPAWLS
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (29.92 KDa) .

Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	Download
Datasheet:	Download

Applications

Western Blot (Recombinant protein)

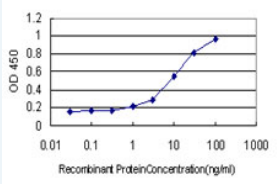
Protocol Download

Sandwich ELISA (Recombinant protein)

Application Image

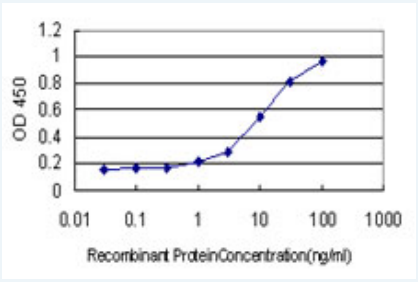
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



enlarge

ELISA



Detection limit for recombinant GST tagged LAMC1 is approximately 0.3ng/ml as a capture antibody.

Protocol Download

ELISA

Gene Information

Entrez GeneID: 3915

GeneBank Accession#: BC015586

Protein Accession#: AAH15586

Gene Name: LAMC1

Gene Alias: LAMB2,MGC87297

Gene Description: laminin, gamma 1 (formerly LAMB2)

Omim ID: 150290, 176780

Gene Ontology: Hyperlink

Gene Summary: Laminins, a family of extracellular matrix glycoproteins, are the major noncollagenous constituent of basement membranes. They have been implicated in a wide variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis. Laminins are composed of 3 non identical chains: laminin alpha, beta and gamma (formerly A, B1, and B2, respectively) and they form a cruciform structure consisting of 3 short arms, each formed by a different chain, and a long arm composed of all 3 chains. Each laminin chain is a multidomain protein encoded by a distinct gene. Several isoforms of each chain have been described. Different alpha, beta and gamma chain isomers combine to give rise to different heterotrimeric laminin isoforms which are designated by Arabic numerals in the order of their discovery, i.e. alpha1beta1gamma1 heterotrimer is laminin 1. The biological functions of the different chains and trimer molecules are largely unknown, but some of the chains have been shown to differ with respect to their tissue distribution, presumably reflecting diverse functions in vivo. This gene encodes the gamma chain isoform laminin, gamma 1. The gamma 1 chain, formerly thought to be a beta chain, contains structural domains similar to beta chains, however, lacks the short alpha region separating domains I and II. The structural organization of this gene also suggested that it had diverged considerably from the beta chain genes. Embryos of transgenic mice in which both alleles of the gamma 1 chain gene were inactivated by homologous recombination, lacked basement membranes, indicating that laminin, gamma 1 chain is necessary for laminin heterotrimer assembly. It has been inferred by analogy with the strikingly similar 3' UTR sequence in mouse laminin gamma 1 cDNA, that multiple polyadenylation sites are utilized in human to generate the 2 different sized mRNAs (5.5 and 7.5 kb) seen on Northern analysis. [provided by RefSeq

Other Designations:	OTTHUMP00000033450,formerly LAMB2,laminin, gamma 1

Gene Pathway

ECM-receptor interaction Focal adhesion Pathways in cancer Prion diseases Small cell lung cancer

Related Disease

Genetic Predisposition to Disease Macular Degeneration Ovarian Neoplasms