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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

LAMA2 monoclonal antibody (M01), clone 2D4

Catalog Number: H00003908-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant LAMA2.

Clone Name: 2D4

Immunogen: LAMA2 (NP_000417, 3013 a.a. ~ 3122 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
DAGVPGHLCDGQWHKVTANKIKHRIELTVDGNQVEAQ
SPNPASTSADTNDPVFVGGFPDDLKQFGLTTSIPFRG
CIRSLKLTKGTGKPLEVNFAKALELRGVQPVSCPAN

Host: Mouse

Interspecies Antigen Sequence: Mouse (87)

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3908

Gene Symbol: LAMA2

Gene Alias: LAMM

Gene Summary: Laminin, an extracellular protein, is a major component of the basement membrane. It is thought to mediate the attachment, migration, and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. It is composed of three subunits, alpha, beta, and gamma, which are bound to each other by disulfide bonds into a cross-shaped molecule. This gene encodes the alpha 2 chain, which constitutes one of the subunits of laminin 2 (merosin) and laminin 4 (s-merosin). Mutations in this gene have been identified as the cause of congenital merosin-deficient muscular dystrophy. Two transcript variants encoding different proteins have been found for this gene. [provided by RefSeq]

References:

1. A coordinated approach for the assessment of molecular subgroups in pediatric ependymomas using low-cost methods. Graziella Ribeiro de Sousa, Regia Caroline Peixoto Lira, Taciani de Almeida Magalhaes, Keteryne Rodrigues da Silva, Luis Fernando Peinado Nagano, Fabiano Pinto Saggioro, Mirella Baroni, Suely Kazue Nagahashi Marie, Sueli Mieko Oba-Shinjo, Silvia Brandelise, Rosane Gomes de Paula Queiroz, Maria Sol Brassesco, Carlos Alberto Scrideli, Luiz Gonzaga Tone, Elvis Terci Valera. J Mol Med (Berl). 2021 Aug;99(8):1101-1113. doi: 10.1007/s00109-021-02074-2. Epub 2021 Apr 26.
2. Review of ependymomas: assessment of consensus in pathological diagnosis and correlations with genetic profiles and outcome. Sasaki A, Hirato J, Hirose T, Fukuoka K, Kanemura Y, Hashimoto N, Kodama Y, Ichimura K, Sakamoto H, Nishikawa R. Brain Tumor Pathol. 2019 Apr;36(2):92-101. doi: 10.1007/s10014-019-00338-x. Epub 2019 Mar 30.
3. Chromosome 1q gain and tenascin-C expression are candidate markers to define different risk groups in pediatric posterior fossa ependymoma. Araki A, Chocholous M, Gojo J, Dorfer C, Czech T, Heinzl H, Dieckmann K, Ambros IM, Ambros PF, Slavc I, Haberler C. Acta Neuropathol Commun. 2016 Aug 22;4(1):88.