

Product Datasheet

Laminin alpha 2 Antibody (2D4) - Azide and BSA Free H00003908-M01-50ug

Unit Size: 50 ug

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00003908-M01-50ug

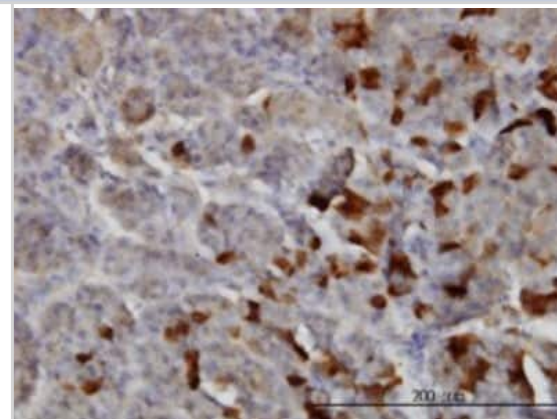
Laminin alpha 2 Antibody (2D4) - Azide and BSA Free

Product Information	
Unit Size	50 ug
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2D4
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3908
Gene Symbol	LAMA2
Species	Human
Specificity/Sensitivity	LAMA2 - laminin, alpha 2 (merosin, congenital muscular dystrophy)
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. DAGVPGHLCDGQWHKVTANKIKHRIELTVDGNQVEAQSPNPASTSADTNDPV FVGGFPDDLKQFGLTTSIPFRGCIRSLKLTGKTGKPLEVNFKALELRGVQPVS CPAN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Sandwich ELISA
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for IHC-P and ELISA. Use in Immunohistochemistry reported in scientific literature (PMID: 27390862).

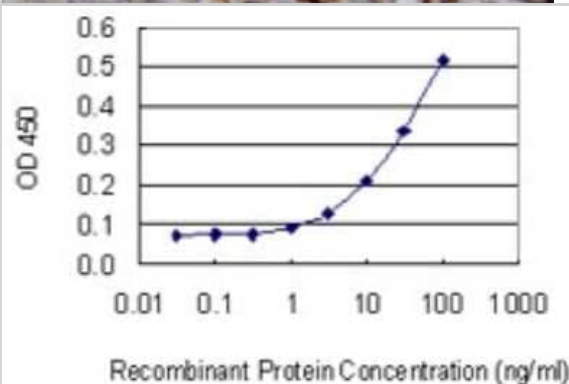


Images

Immunohistochemistry-Paraffin: Laminin alpha 2 Antibody (2D4) [H00003908-M01] - Analysis of monoclonal antibody to LAMA2 on formalin-fixed paraffin-embedded human pancreas. Antibody concentration 1 ug/ml.



Sandwich ELISA: Laminin alpha 2 Antibody (2D4) [H00003908-M01] - Detection limit for recombinant GST tagged LAMA2 is 1 ng/ml as a capture antibody.



Publications

Amani V, Riemony KA, Fu R et al. Integration of single-nuclei RNA-sequencing, spatial transcriptomics and histochemistry defines the complex microenvironment of NF1-associated plexiform neurofibromas *Acta Neuropathol Commun* 2023-09-28 [PMID: 37770931] (Immunohistochemistry, Immunohistochemistry-Paraffin)

Graziella S, Regia L, Taciani M et al. A coordinated approach for the assessment of molecular subgroups in pediatric ependymomas using low-cost methods. *J Mol Med (Berl)*. 2021-04-26 [PMID: 33903940]

Sasaki A, Hirato J, Hirose T et al. Review of ependymomas: assessment of consensus in pathological diagnosis and correlations with genetic profiles and outcome. *Brain Tumor Pathol*. 2019-03-30 [PMID: 30929114]

Araki A, Chocholous M, Gojo J et al. Chromosome 1q gain and tenascin-C expression are candidate markers to define different risk groups in pediatric posterior fossa ependymoma. *Acta Neuropathol Commun* 2016-08-22 [PMID: 27550150]

Zakrzewska M, Fendler W, Zakrzewski K et al. Altered MicroRNA Expression Is Associated with Tumor Grade, Molecular Background and Outcome in Childhood Infratentorial Ependymoma. *PLoS One* 2016-07-08 [PMID: 27390862] (IF/IHC)

Dong H, Ding H, Young K et al. Advanced Intimal Hyperplasia Without Luminal Narrowing of Leptomeningeal Arteries in CADASIL. *Stroke*. 2013-03-12 [PMID: 23482599]

Lemons JM, Feng XJ, Bennett BD et al. Quiescent fibroblasts exhibit high metabolic activity. *PLoS Biol* 2010-10-01 [PMID: 21049082]



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Products Related to H00003908-M01-50ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00003908-Q01-10ug	Recombinant Human Laminin alpha 2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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