

Mouse monoclonal antibody to human Noelin/Olfactomedin 1 [2G12-1B3]: IgG

Catalogue No.:	M-887-100
Description:	Human Noelin/olfactomedin 1 shares high sequence homology with the rat protein. While the exact function of the encoded protein is not known, its abundant expression in brain suggests that it may have an essential role in nerve tissue. It localises to the endoplasmic reticulum lumen and there are several isoforms produced by alternative splicing. Also, it may play an important role in regulating the production of neural crest cells by the neural tube. Protein is secreted and glycosylated at multiple sites; Noelin is peripherally associated with the AMPAR complex, the AMPA receptor needed for fast synaptic transmission, and thus Noelin may play a role in synaptic function as well; Noelin has 5 isoforms produced by alternative splicing; isoform is the longest
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Full recombinant human Noelin/olfactomedin 1 protein with a GST tag
Sequence:	MPGRWRWQRDMHPARKLLSLLFLILMGTELTQNKRENKA EKMGGPESERKTTGEKTLNELPL FCLEAHAGSLALPRMCSPNPNPAVGLCRPAYPQSPSPGAAQTISQSLLERFCMASRREVFLA PGRPGGGWWLCTVAGQMHSFMCTHTHTHAHTGEQIPAEKSQPGPD
Antibody Type:	IgG1
Isotype:	IgG1 kappa
Clone:	2G12-1B3
Other Names:	Neuronal olfactomedin-related ER localized protein, OLFM1, NOE1, NOEL1
Accession:	Q99784- NOE1_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been confirmed by direct ELISA against the antigen.
Cross-reactivity:	Human. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.2
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase

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