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NID1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant NID1.
Catalog # AT3050a

Product Information

Application	WB, E
Primary Accession	P14543
Other Accession	NM_002508
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1G3
Calculated MW	136377

Additional Information

Gene ID	4811
Other Names	Nidogen-1, NID-1, Entactin, NID1, NID
Target/Specificity	NID1 (NP_002499.1, 1148 a.a. ~ 1247 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	NID1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

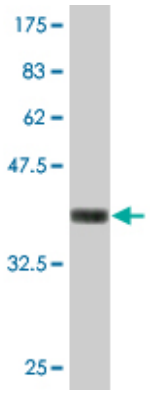
This gene encodes a member of the nidogen family of basement membrane glycoproteins. The protein interacts with several other components of basement membranes, and may play a role in cell interactions with the extracellular matrix.

References

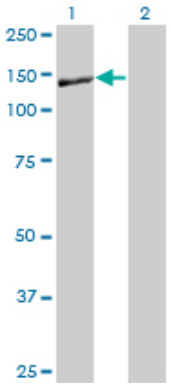
Nidogen 1 and 2 gene promoters are aberrantly methylated in human gastrointestinal cancer. Ulazzi L, et al. Mol Cancer, 2007 Feb 28. PMID 17328794.Lack of nidogen-1 and -2 prevents basement membrane assembly in skin-organotypic coculture. Nischt R, et al. J Invest Dermatol, 2007 Mar. PMID 17008882.The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID

16710414.Identification of the basement membrane protein nidogen as a candidate ligand for tumor endothelial marker 7 in vitro and in vivo. Lee HK, et al. FEBS Lett, 2006 Apr 17. PMID 16574105.Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.

Images

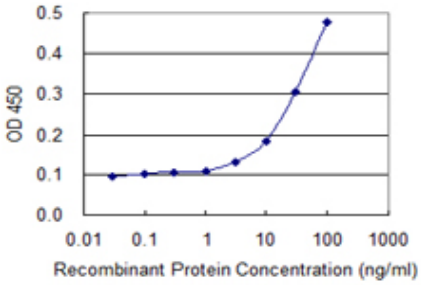


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Western Blot analysis of NID1 expression in transfected 293T cell line by NID1 monoclonal antibody (M01), clone 1G3.

Lane 1: NID1 transfected lysate(122.1 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged NID1 is 1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.