

NID1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant NID1.****Catalog # AT3050a****Specification**

NID1 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	P14543
Other Accession	NM_002508
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	136377

NID1 Antibody (monoclonal) (M01) - 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

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.

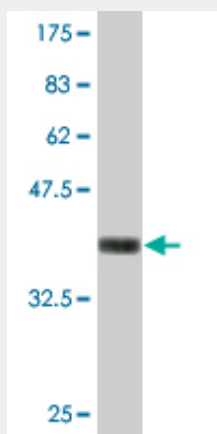
NID1 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

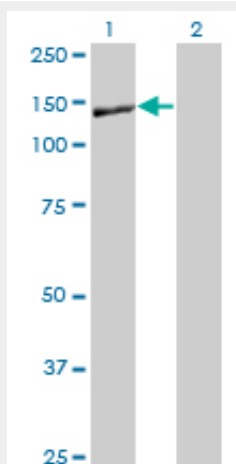
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NID1 Antibody (monoclonal) (M01) - Images



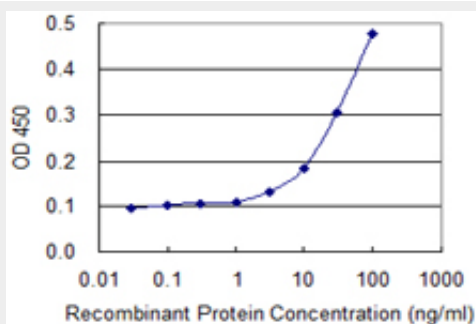
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



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.

NID1 Antibody (monoclonal) (M01) - 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.

NID1 Antibody (monoclonal) (M01) - 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.