

# Product Datasheet

## Nidogen-1/Entactin Antibody (ELM1) NBP3-07515-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP3-07515-100ug**

Nidogen-1/Entactin Antibody (ELM1)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	ELM1
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

Product Description	
Description	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA &amp; 0.05% azide. Also available WITHOUT BSA &amp; azide at 1.0 mg/ml. (NBP3-08237)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
Host	Rat
Gene ID	4811
Gene Symbol	NID1
Species	Mouse, Guinea Pig
Reactivity Notes	Does not react with human.
Specificity/Sensitivity	<p>It reacts with the intact (150kDa) nidogen as well as its proteolytic fragments of 135kDa, 110kDa, 100kDa, and 80kDa. This monoclonal antibody does not cross-react with other basement membrane components or fibronectin.</p> <p>Entactin/Nidogen is a ubiquitous multi-domain basement membrane protein. Basement membranes are the earliest extracellular matrices produced during embryogenesis. They are synthesized and incorporated into the supramolecular architecture of several components, including laminins, Collagen IV, Nidogen and proteoglycans. Nidogen/Entactin, a sulfated glycoprotein, acts as a link between the extracellular matrix molecules Laminin 1 and Collagen Type IV, and thereby participates in the assembly of basement membranes. Nidogen is synthesized and secreted in primary and established mesenchymal peritubular cells and myoepithelial cells, and it affects adhesion of peritubular cells in an autocrine manner. Nidogen is expressed during embryonic and fetal development exclusively in fully developed basement membranes of the ectoderm and is not expressed in the developing endodermal basement membrane or in membranes disrupted during mesoderm formation.</p>
Immunogen	Murine EHS laminin preparation

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA 2-4 ug/ml
Application Notes	ELISA: Use Ab at 2-4ug/ml for coating. Order Ab without BSA. Optimal dilution for a specific application should be determined.



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**Products Related to NBP3-07515-100ug**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NBP1-75398	Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)
210-TA-005	TNF-alpha [Unconjugated]

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**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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