

Rat Anti-NID1 Neutralizing Antibody (V3S-0822-YC2146)

Cat. No.: V3S-0822-YC2146

Summary

Description	This product is a rat monoclonal antibody provided by Creative Biolabs. The antibody is capable of recognizing nidogen 1. It can be used for NID1 detection in Western Blot (WB), Enzyme-Linked Immunosorbent Assay (ELISA), Blocking (Block). The antibody is expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Rat
Target Species	Mouse, Human
Immunogen	Recombinant fragment corresponding to the G1/Link region of mouse Nidogen 1.
Epitope	In the G1/Link region
Isotype	IgG2a
Isotype Control	C62626
Secondary Antibody	C40224; C74571; C22227; C56421; C47763; C63764; C64554

Property

Conjugation	Unconjugated
Purity	>95%, determined by SDS-PAGE
Purification	Protein G purified
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	WB; ELISA; Block
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For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Target

Target	NID1
Alternative Name	NID1; nidogen 1; NID
Gene ID	4811
UniProt	P14543
Introduction	NID1 is 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.
Research Area	Signal Pathway; Neuroscience

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