

Product datasheet

Anti-Entactin antibody [JF4] ab26839

Overview

Product name	Anti-Entactin antibody [JF4]
Description	Rat monoclonal [JF4] to Entactin
Host species	Rat
Specificity	Native and denatured Nidogen 1.
Tested applications	Suitable for: WB, ELISA, Blocking
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to the G2 region of mouse nidogen.
Epitope	Located in the G2 region of mouse Nidogen 1.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.1% Sodium azide Constituents: 3% Acetic acid, 2.42% Tris
Purity	Protein G purified
Clonality	Monoclonal
Clone number	JF4
Myeloma	YB2/0
Isotype	IgG2b

Applications

Our [Abpromise guarantee](#) covers the use of **ab26839** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		

Application	Abreviews	Notes
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ELISA

Blocking

Application notes

BL: Use at an assay dependent dilution. ab26839 blocks binding of nidogen to laminin.
 ELISA: Use at an assay dependent dilution.
 WB: Use at an assay dependent dilution. Predicted molecular weight: 136 kDa.

Not yet tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Sulfated glycoprotein widely distributed in basement membranes and tightly associated with laminin. Also binds to collagen IV and perlecan. It probably has a role in cell-extracellular matrix interactions.

Sequence similarities

Contains 6 EGF-like domains.
 Contains 4 LDL-receptor class B repeats.
 Contains 1 NIDO domain.
 Contains 1 nidogen G2 beta-barrel domain.
 Contains 1 thyroglobulin type-1 domain.

Post-translational modifications

N- and O-glycosylated.

Cellular localization

Secreted > extracellular space > extracellular matrix > basement membrane.

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