

## Product datasheet

# Anti-Entactin antibody [JF4] ab26839

### Overview

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

### Properties

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