




## Product datasheet

# Anti-Junctional Adhesion Molecule 1/JAM-A antibody ab91501

1 Image

### Overview

<b>Product name</b>	Anti-Junctional Adhesion Molecule 1/JAM-A antibody
<b>Description</b>	Goat polyclonal to Junctional Adhesion Molecule 1/JAM-A
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cat, Dog, Pig 
<b>Immunogen</b>	Synthetic peptide corresponding to Human Junctional Adhesion Molecule 1/JAM-A aa 282-295 (C terminal). Sequence: C-QPSARSEGEFKQTS  Database link: <a href="#">NP_058642.1</a> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	Human peripheral blood mononucleocyte lysate
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA

<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab91501 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

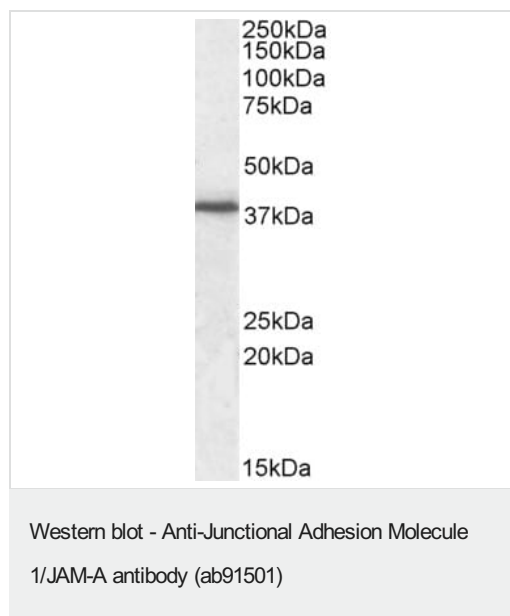
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab91501 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		Use a concentration of 0.3 - 2 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 33 kDa). A 1 hour primary incubation is recommended for this product.

## Target

<b>Function</b>	Seems to play a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits PARD3. The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly (By similarity). Plays a role in regulating monocyte transmigration involved in integrity of epithelial barrier. Involved in platelet activation. In case of orthoreovirus infection, serves as receptor for the virus.
<b>Sequence similarities</b>	Belongs to the immunoglobulin superfamily. Contains 2 Ig-like V-type (immunoglobulin-like) domains.
<b>Post-translational modifications</b>	N-glycosylated.
<b>Cellular localization</b>	Cell junction > tight junction. Cell membrane. Localized at tight junctions of both epithelial and endothelial cells.

## Images



Anti-Junctional Adhesion Molecule 1/JAM-A antibody (ab91501) at 0.3 µg/ml + Human Peripheral Blood Mononucleocyte lysate at 35 µg

**Predicted band size:** 33 kDa

**Observed band size:** 38 kDa

The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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