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Datasheet for ABIN2191795

## anti-F11R antibody

### 1 Publication

#### Overview

Quantity:	100 µg
Target:	F11R
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This F11R antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunofluorescence (IF)

#### Product Details

Clone:	BV12
Isotype:	IgG2a
Cross-Reactivity (Details):	Cross reactivity: Human : No
Sterility:	0.2 µm filtered

#### Target Details

Target:	F11R
Alternative Name:	Junctional Adhesion Molecule-A ( <a href="#">F11R Products</a> )
Background:	The monoclonal antibody BV12 recognizes junctional adhesion molecule-A (JAM-A), also known as JAM-1 and the mouse platelet F11-Receptor (F11R), is a cell adhesion molecule (CAM). JAM-A is a member of the immunoglobulin superfamily found on the surface of mouse

## Target Details

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platelets and at intercellular junctions of endothelial cells and epithelial cells. JAM-A belongs together with JAM-B (VE-JAM or JAM-3) and JAM-C (JAM-2) to a family of adhesion proteins with a V-C2 immunoglobulin domain organization. JAM plays an important role in tight junctions where it is involved in cell-to-cell adhesion through homophilic interaction. It codistributes with other tight junction components as ZO-1, 7H6 antigen, cingulin and occludin. In human JAM-A plays a role in platelet aggregation, secretion, adhesion and spreading. Aliases JAM-1, platelet F11-Receptor, F11R

Pathways: [Cell-Cell Junction Organization](#)

## Application Details

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Application Notes: For flow cytometry and Western blotting, dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.

Restrictions: For Research Use only

## Handling

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Buffer: PBS, containing 0.1 % bovine serum albumin and 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Product should be stored at 4 °C Under recommended storage conditions, product is stable for at least one year. The exact expiry date is indicated on the label.

## Publications

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Product cited in: Kuligowski, Kwan, Lo, Wong, James, Bourges, Ooi, Abeynaike, Hall, Kitching, Hickey: "Antimyeloperoxidase antibodies rapidly induce alpha-4-integrin-dependent glomerular neutrophil adhesion." in: **Blood**, Vol. 113, Issue 25, pp. 6485-94, (2009) ([PubMed](#)).

Kneilling, Mailhammer, Hültner, Schönberger, Fuchs, Schaller, Bukala, Massberg, Sander, Braumüller, Eichner, Maier, Hallmann, Pichler, Haubner, Gawaz, Pfeffer, Biedermann, Röcken: "Direct crosstalk between mast cell-TNF and TNFR1-expressing endothelia mediates local

tissue inflammation." in: **Blood**, Vol. 114, Issue 8, pp. 1696-706, (2009) ([PubMed](#)).

Vajkoczy, Laschinger, Engelhardt: "Alpha4-integrin-VCAM-1 binding mediates G protein-independent capture of encephalitogenic T cell blasts to CNS white matter microvessels." in: **The Journal of clinical investigation**, Vol. 108, Issue 4, pp. 557-65, (2001) ([PubMed](#)).