

Rat anti-Mouse JAM-1, clone BV12 (Monoclonal)

Clone no. BV12

MONOSAN

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Product name	Rat anti-Mouse JAM-1, clone BV12 (Monoclonal)
Host	Rat
Applications	FC,IF,IP,WB
Species reactivity	mouse
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG2a
Clonality	Monoclonal
Clone number	BV12
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

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 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.

**References**

1. Bazzoni; G et al. J Biol Chem 2000; 275: 20520
2. Martinez-Estrada, O et al Am J Physiol Lung Cell Mol Physiol 2005, 288: L1081
3. -
4. -
5. -

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