PRODUCT DATA SHEET

Product: **Anti-JAM-1, clone BV12**

Cat. No.: **MC-193 (1 mL)**

Synonyms:
Platelet F11-Receptor (F11R)

Description:
Junctional adhesion molecule-1 (JAM-1) is a cell adhesion molecule (CAM). JAM-1 is a member of the immunoglobulin superfamily found on the surface of mouse platelets and at intercellular juctions of endothelial cells and epithelial cells. JAM-1 belongs together with JAM-2 and JAM-3 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 co-distributes with other tight junction components such as ZO-1, 7H6 antigen, cingulin and occludin. In humans JAM-1 plays a role in platelet aggregation, secretion, adhesion and spreading.

Specificity:
Reacts with JAM-1.

Ig Isotype:
Rat IgG

Species Reactivity:
Mouse. Others not tested.

Format:
1 mL of 100 µg/mL 0.2 µm filtered antibody solution in PBS containing 0.1% protein stabilizer and 0.02% sodium azide.

Storage:
Store at 4℃.

Applications:
- Flow cytometry: Use at a 1:10 dilution.
- Immunoassays
- Immunofluorescence: (fixed cells)

The optimal dilution for a specific application should be determined by the researcher.

Limitations:
For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:
No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.