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Product datasheet for AM26320PU-N

Jam3 Rat Monoclonal Antibody [Clone ID: JAM-C]

Product data:

Product Type:	Primary Antibodies
Clone Name:	JAM-C
Applications:	ELISA, FN, IHC, IP
Recommended Dilution:	Immunohistochemistry on frozen sections: The typical starting working dilution is 1:50. Flow cytometry: The typical starting working dilution is 1:50. Functional assays (inhibition of biological activity). Immunoassays (detector). Immunoprecipitation. The antibody cannot be used for Western blot and immunohistology on paraffin sections.
Reactivity:	Human, Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	The monoclonal antibody CRAM-18 F26 recognizes junctional adhesion molecule-C (JAM-C) also known as JAM-2, a 45 kD cell adhesion molecule (CAM). In adult murine tissue JAM-C expression is reported to be restricted to high endothelial venules of lymphoid organs, lymphoendothelial cells and endothelial cells in kidney. Monoclonal antibody CRAM-18 F26 also reacts with human JAM-C. In humans, JAM-C expression is not restricted to endothelial cells, but is also expressed on human lymphocytes.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% bovine serum albumin
Concentration:	lot specific
Purification:	Protein G
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C.
Stability:	Shelf life: one year from despatch.
Gene Name:	junction adhesion molecule 3

View online »

Database Link: Entrez Gene 83964 Mouse
Q9D8B7

Background: JAM-C is a transmembrane protein which is a member of the immunoglobulin superfamily found at intercellular junctions of endothelial cells. JAM-C belongs together with JAM-A (JAM or JAM-1) and JAM-B (VE-JAM or 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 codistributes with other tight junction components as ZO-1, 7H6 antigen, cingulin and occludin. JAM-C is potentially involved in the junctional sealing of the vascular endothelium, in particular of high endothelial venules (HEV). In adult murine tissue JAM-C expression is reported to be restricted to high endothelial venules of lymphoid organs, lymphoendothelial cells and endothelial cells in kidney.

Synonyms: FLJ14529; JAM-2; JAM-3; JAM-C; JAMC