

Datasheet for ABIN2191807

**anti-JAM3 antibody****1** Publication[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	JAM3
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This JAM3 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoassay (IA), Detection (D), Inhibition Assay (InhA)

## Product Details

Clone:	CRAM-18 F26
Sterility:	0.2 µm filtered

## Target Details

Target:	JAM3
Alternative Name:	Junctional Adhesion Molecule-C ( <a href="#">JAM3 Products</a> )
Background:	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). 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.

## Target Details

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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. 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.

## Application Details

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Application Notes:	For immunohistology and flow cytometry, 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. For inhibition of biological activity, dilutions have to be made according to the amounts of JAM-C to be inhibited.
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Restrictions:	For Research Use only
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## Handling

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Buffer:	PBS, containing 0.1 % bovine serum albumin.
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Storage:	4 °C
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Storage Comment:	Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.
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Expiry Date:	12 months
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## Publications

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Product cited in:	Feucht, Schneeberger, Hillebrand, Burkhardt, Weiss, Riethmüller, Land, Albert: "Capillary deposition of C4d complement fragment and early renal graft loss." in: <b>Kidney international</b> , Vol. 43, Issue 6, pp. 1333-8, (1993) ( <a href="#">PubMed</a> ).
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	Zwirner, Felber, Herzog, Riethmüller, Feucht: "Classical pathway of complement activation in normal and diseased human glomeruli." in: <b>Kidney international</b> , Vol. 36, Issue 6, pp. 1069-77, (1990) ( <a href="#">PubMed</a> ).
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