

Product datasheet for **DM3581P**

Jam2 (Extracell. Dom.) Rat Monoclonal Antibody [Clone ID: 2K15]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2K15
Applications:	WB
Recommended Dilution:	Western Blot: 1/500-1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Mouse Recombinant protein of JAM-A extracellular domain
Specificity:	This antibody detects Mouse JAM-B in Western blotting. Other species not tested.
Formulation:	0.2 µm filtered PBS State: Purified State: Lyophilized purified Ig fraction from Culture Supernatant Stabilizer: None
Reconstitution Method:	Restore with 0.2 ml sterile PBS and the final concentration is 0.5 mg/ml.
Purification:	Protein A/G Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	junction adhesion molecule 2
Database Link:	Entrez Gene 67374 Mouse Q9J159



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Background:

Members of the junctional adhesion molecule (JAM) family are type I transmembrane glycoproteins of the immunoglobulin (Ig) superfamily that are localized in the tight junctions between endothelial or epithelial cells and appear to be involved in leukocyte transmigration. JAM-A, also known as platelet adhesion molecule 1 (PAM-1) and platelet F11 receptor, contains two V-type Ig-like domains, forms homodimers, and interacts with LFA-1. JAM-B (vasculoendothelial or VE-JAM) and JAM-C each contain two Ig domains (one V-type and one C2-type), a cytoplasmic PDZ-binding motif and a PKC phosphorylation site. JAM-C interacts with MAC-1 and facilitates JAM-B interaction with integrin alpha 4 beta 1. Junctional adhesion molecule 2 (JAM2), also known as JAMB, is a member of the newly reported glycoprotein family of adhesion molecules found at intercellular junctions of endothelial cells and lymphocytes (human). In adult murine tissue JAM2 expression is restricted to high endothelial venules of lymphoid organs, lymphoendothelial cells and endothelial cells in kidney.

Synonyms:

JAM-B, C21orf43, VEJAM