

Datasheet for ABIN360922

anti-JAM2 antibody (Extracellular Domain)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	JAM2
Binding Specificity:	Extracellular Domain
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This JAM2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of JAM-A extracellular domain
Clone:	2K15
Isotype:	IgG1
Specificity:	This antibody detects Mouse JAM-B in Western blotting. Other species not tested.
Purification:	Purified

Target Details

Target:	JAM2
Alternative Name:	CD322 / JAM2 (JAM2 Products)
Background:	Members of the junctional adhesion molecule (JAM) family are type I transmembrane

Target Details

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: C21orf43, JAM-B, Junctional adhesion molecule 2, Junctional adhesion molecule B, VEJAM, Vascular endothelial junction-associated molecule

Gene ID: 67374

NCBI Accession: [NP_076333](#)

UniProt: [Q9JI59](#)

Application Details

Application Notes: Western Blot: 1/500 - 1/1000.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Reconstitution: Restore with 0.2 mL sterile PBS and the final concentration is 0.5 mg/mL.

Buffer: 0.2 µm filtered PBS, None

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Prior to reconstitution store at 2-8 °C. Following reconstitution store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.