

Product datasheet for **TA308335**

Junctional Adhesion Molecule 2 (JAM2) Rabbit Polyclonal Antibody

Product data:

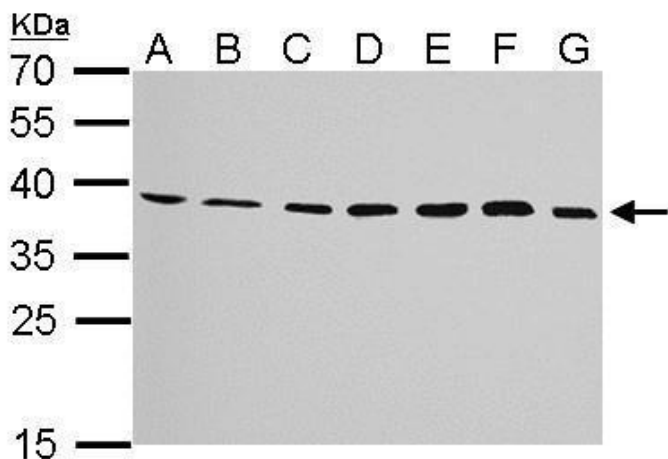
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 294 of JAM-B (Uniprot ID#P57087)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33 kDa
Gene Name:	junctional adhesion molecule 2
Database Link:	NP_067042 Entrez Gene 58494 Human P57087
Background:	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is localized in the tight junctions between high endothelial cells. It acts as an adhesive ligand for interacting with a variety of immune cell types and may play a role in lymphocyte homing to secondary lymphoid organs. [provided by RefSeq]
Synonyms:	C21orf43; CD322; JAM-B; JAMB; PRO245; VE-JAM; VEJAM


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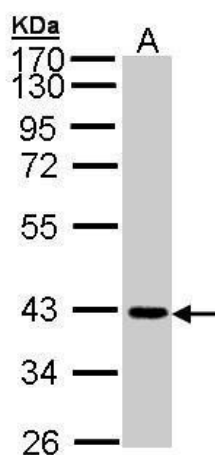
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs), Epithelial cell signaling in *Helicobacter pylori* infection, Leukocyte transendothelial migration, Tight junction

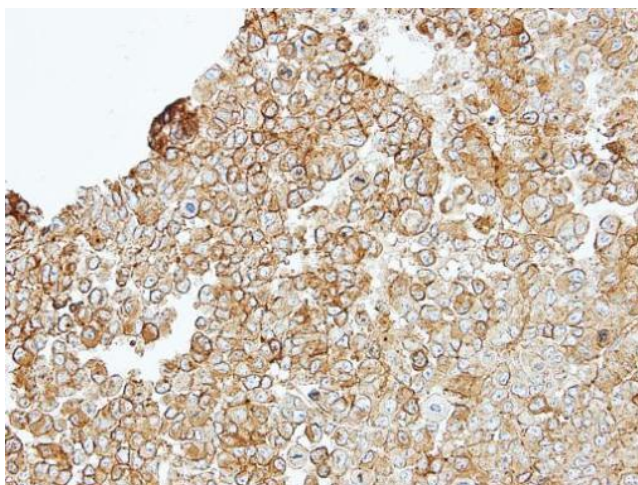
Product images:



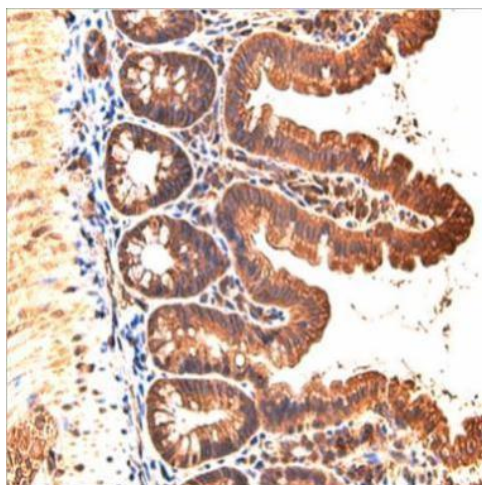
JAM-B antibody detects JAM2 protein by Western blot analysis. A. 30 ug Neuro2A whole cell lysate/extract. B. 30 ug GL261 whole cell lysate/extract. C. 30 ug C8D30 whole cell lysate/extract. D. 30 ug NIH-3T3 whole cell lysate/extract. E. 30 ug BCL-1 whole



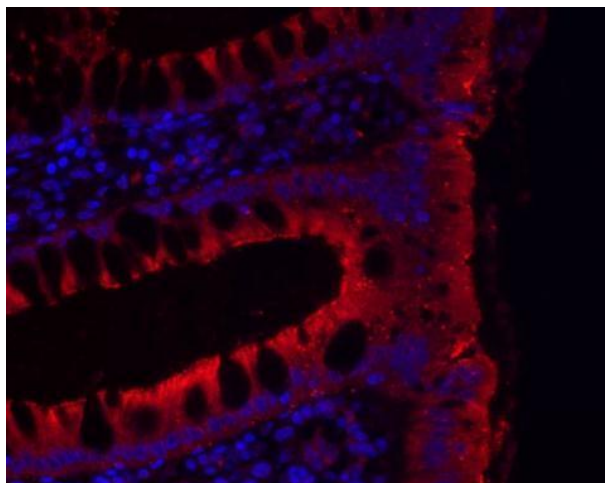
Sample (30 ug of whole cell lysate). A: A431. 12 % SDS PAGE. TA308335 diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded TOV-112D xenograft, using JAM-B (TA308335) antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded mouse small intestine, using JAM-B (TA308335) antibody at 1:200 dilution. (Image courtesy of Koji Taniguchi, Ph.D (Laboratory of Dr. Michael Karin, UCSD.)



Immunohistochemical analysis of paraffin-embedded human colon, using JAM-B (TA308335) antibody at 1:200 dilution. (Image courtesy of Sergei Grivennikov Ph.D (Laboratory of Dr. Michael Karin, UCSD.)