

JAMA Rabbit Monoclonal Antibody

Catalog #: EAB21968

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Monoclonal	WB, IHC-P	33	Human, Mouse, Rat

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB (Western Blotting)	1:500-2000
IHC-P (Immunohistochemistry-Paraffin)	1:50-200

Product Information

Conjugate	Unconjugate
Specificity	JAMA Rabbit Monoclonal Antibody detects endogenous levels of JAMA protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	Q9Y624
Entrez-Gene ID	50848

Product Description

JAMA(F11R, JAM-1, CD321) is a cell-surface adhesion molecule belonging to the Ig superfamily of receptors. CD321 is a 32-41 kD glycoprotein, possessing two extracellular Ig-like domains, a transmembrane region, and a short cytosolic tail. The protein assembles at the membrane as a homodimer, and can associate laterally with other membrane proteins including integrins. CD321 is expressed on a variety of cell types, including leukocytes, platelets, erythrocytes, stem cells, epithelial and endothelial cells, and plays a role in mediating cell-cell contact. CD321 can be found in close proximity to several components of epithelial tight junctions, including ZO-1 and occludin. CD321 is involved in the maintenance of epithelial and endothelial barriers, hematopoiesis, angiogenesis, and tumor proliferation, invasion, and metastasis.

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