

Rat CD321 Monoclonal Antibody | anti-CD321 antibody

RAT ANTI MOUSE CD321:Biotin

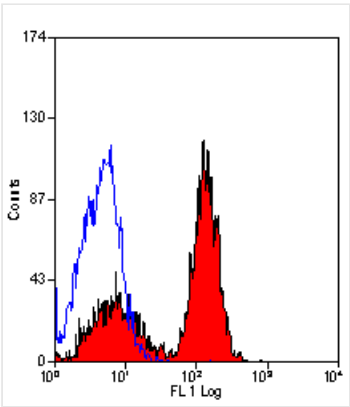
CATALOG # AAA49031	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

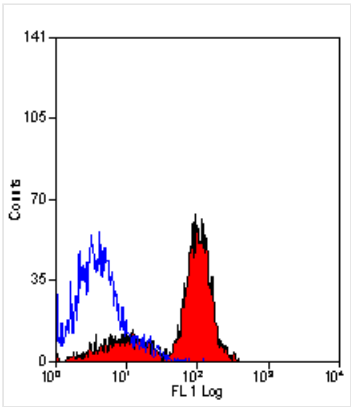
CD321; Monoclonal Antibody; RAT ANTI MOUSE CD321:Biotin; anti-CD321 antibody

PRODUCT SPECIFICATIONS

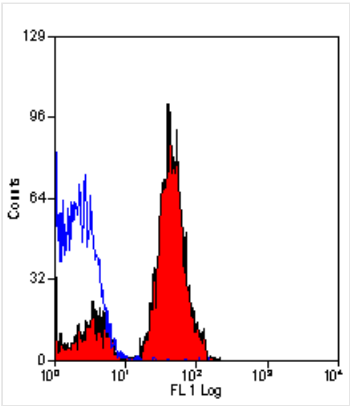
Host	Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	H202-106
Form/Format	Biotin Purified IgG conjugated to Biotin - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	300
Applicable Applications for anti-CD321 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Immunogen	MTE1/MTE2 stromal cell lines. Fusion Partners
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



Application Data
Staining of mouse peripheral blood platelets with Rat anti Mouse CD321



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Staining of mouse peripheral blood platelets with Rat anti Mouse CD321



Application Data
Staining of mouse peripheral blood platelets with Rat anti Mouse CD321: Biotin

ADDITIONAL INFORMATION

Related Product Information for anti-CD321 antibody

Rat anti Mouse CD321 antibody, clone H202-106 recognizes murine CD321, which is also known as junctional adhesion molecule 1 (JAM-1). CD321 is a 32-41kD glycoprotein, which shares similarities with related proteins JAM-2 and JAM-3. CD321 is a multifunctional protein that is primarily expressed by platelets, endothelial and epithelial cells. The CD321 protein co-localises with tight junction molecules in both epithelial and endothelial cells and plays an important role in the regulation of junctional integrity and permeability. In addition, CD321 is a ligand for the integrin LFA-1 and is also involved in the transmigration of leucocytes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27734847
NCBI GeneID	16456
NCBI Accession #	NP_766235.1
NCBI GenBank Nucleotide #	NM_172647.2
UniProt Accession #	O88792; Q8VC39
Molecular Weight	32,424 Da
NCBI Official Full Name	junctional adhesion molecule A
NCBI Official Synonym Full Names	F11 receptor
NCBI Official Symbol	F11r

NCBI Official Synonym Symbols	JAM; Jcam; JAM-1; JAM-A; Jcam1; Ly106; ESTM33; AA638916; 9130004G24
NCBI Protein Information	junctional adhesion molecule A; BV11 antigen; F11 receptor/F11R; junction cell adhesion molecule A; junction cell adhesion molecule1; junctional adhesion molecule 1
UniProt Protein Name	Junctional adhesion molecule A
UniProt Gene Name	F11r
UniProt Synonym Gene Names	Jam1; Jcam; Jcam1; JAM-A; JAM-1
UniProt Entry Name	JAM1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd321-antibody-clone-h202-106-flow-cytometry-elisa/49031>