

Rat CD102 Monoclonal Antibody | anti-CD102 antibody

RAT ANTI MOUSE CD102:Low Endotoxin

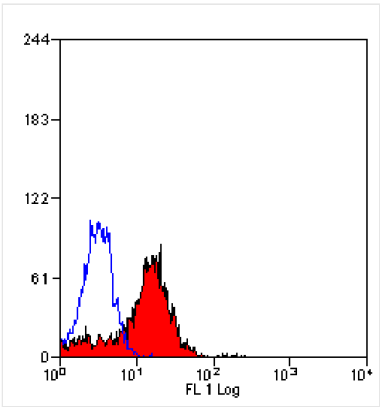
CATALOG #	HOST	APPLICATIONS
AAA11904	Rat	Flow Cytometry, Functional Assay, Functional Assay, Immunoprecipitation

PRODUCT SYNONYMS

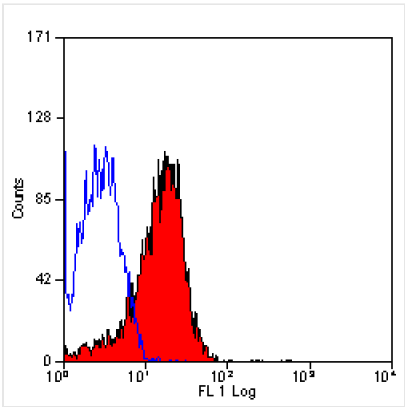
CD102; Monoclonal Antibody; RAT ANTI MOUSE CD102:Low Endotoxin; anti-CD102 antibody

PRODUCT SPECIFICATIONS

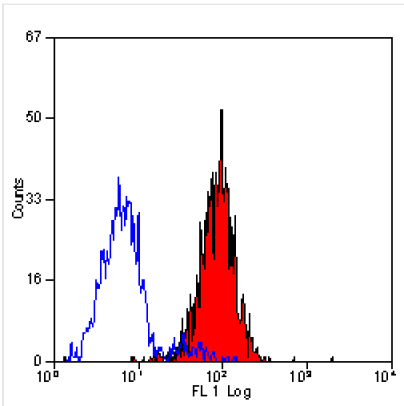
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	m1C2/4 (3C4)
Form/Format	Low Endotoxin Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	277
Applicable Applications for anti-CD102 antibody	FCM/FACS (Flow Cytometry), FA (Functional Assay), IP (Immunoprecipitation)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Flow Cytometry: Minimum Dilution: 1/50; Maximum Dilution: 1/200
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	COS cells transfected with murine ICAM-2 Fusion Partners
Target Species	Mouse
Preparation and Storage	Store at -20 degree C only. This product should be stored undiluted. Storage in frost-free freezers is not recommended. 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.



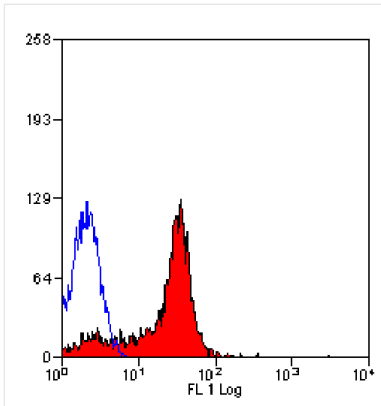
Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD102: Biotin



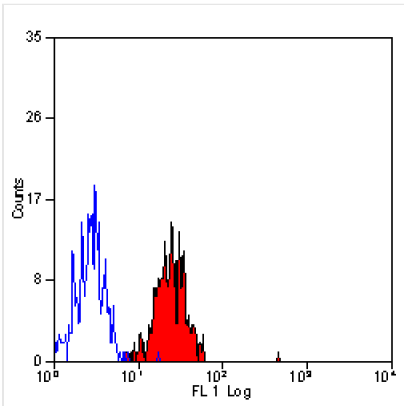
Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD102: RPE



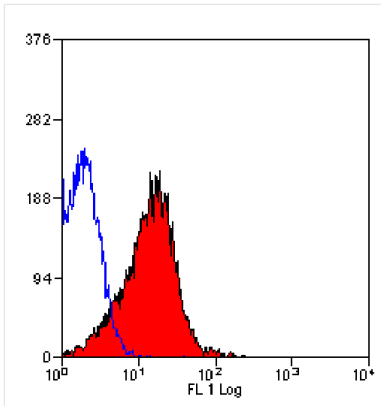
Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD102: Low Endotoxin



Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD102: FITC



Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD102: FITC



Application Data
Staining of mouse spleen cells with Rat anti Mouse Beta CD102 : Alexa Fluor 488

ADDITIONAL INFORMATION

Related Product Information for anti-CD102 antibody

Rat anti Mouse CD102 antibody, clone mIC2/4 (3C4) recognizes murine intercellular adhesion molecule-2 (ICAM-2), also known as CD102. Murine CD102 is a glycosylated cell surface protein that is broadly expressed on most leucocytes and is constitutively expressed on endothelial cells. CD102 interacts with the CD11a/CD18 integrin LFA-1. Reports suggest that CD102 may play a role in lymphocyte re-circulation and T-cell activation. Rat anti Mouse CD102 antibody, clone mIC2/4 is reported to inhibit interactions between CD102 and LFA-1 (Xu et al. 1996).

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754274
NCBI GeneID	15896
NCBI Accession #	NP_034624.1
NCBI GenBank Nucleotide #	NM_010494.1
UniProt Accession #	P35330; Q9D8Q4
Molecular Weight	31,390 Da
NCBI Official Full Name	intercellular adhesion molecule 2
NCBI Official Synonym Full Names	intercellular adhesion molecule 2
NCBI Official Symbol	Icam2
NCBI Official Synonym Symbols	CD102; Ly-60; Icam-2
NCBI Protein Information	intercellular adhesion molecule 2; lymphocyte function-associated AG-1 counter-receptor
UniProt Protein Name	Intercellular adhesion molecule 2
UniProt Gene Name	Icam2
UniProt Synonym Gene Names	Icam-2; ICAM-2
UniProt Entry Name	ICAM2_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://stage.aaabiotech.com/monoclonal/cd102-antibody-clone-mic2-4-3c4-flow-cytometry-functional-assay-immunoprecipitation-elisa/11904>