

Mouse anti-Human CD102 Monoclonal Antibody | anti-CD102 antibody

Anti-Hu CD102 PE

CATALOG # AAA128481	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD102; Monoclonal Antibody; Anti-Hu CD102 PE; intercellular adhesion molecule 2; ICAM2; anti-CD102 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	CBR-IC2/2
Specificity	The mouse monoclonal antibody CBR-IC2/2 recognizes an extracellular epitope of CD102 (ICAM-2), an approximately 55 kDa type I transmembrane glycoprotein expressed mainly on vascular endothelial cells and follicular dendritic cells, in lower amount on lymphocytes, monocytes and platelets.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	275
Applicable Applications for anti-CD102 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Human CD102 cDNA transfected COS cells
Conjugation	PE
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD102 antibody	CD102 / ICAM-2 (intracellular cell adhesion molecule-2), a counter receptor of LFA-1 (CD11a/CD18), is a transmembrane glycoprotein with two extracellular IgC-like domains and intracellular C-terminal tail. It is involved in lymphocyte recirculation and homing to the sites of inflammation. Through interaction with integrins it provides to the immune cells costimulatory signals. Expression of CD102 on blood cells (lymphocytes, monocytes, thrombocytes) is lower than on endothelium and follicular dendritic cells. CD102 levels are upregulated in lymph nodes with malignant infiltration.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153082696
NCBI GeneID	3384
NCBI Accession #	NP_000864.2
NCBI GenBank Nucleotide #	NP_000864.2

UniProt Accession #	P13598
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
NCBI Protein Information	intercellular adhesion molecule 2
UniProt Protein Name	Intercellular adhesion molecule 2
UniProt Gene Name	ICAM2
UniProt Synonym Gene Names	ICAM-2
UniProt Entry Name	ICAM2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/cd102-antibody-clone-cbr-ic2-2-flow-cytometry-elisa/128481>