

Mouse anti-Human CD93 Monoclonal Antibody | anti-CD93 antibody

Anti-Hu CD93 PE

CATALOG # AAA129156	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD93; Monoclonal Antibody; Anti-Hu CD93 PE; C1QR1; C1qRP; ECSM3; MXRA4; C1qR(P); dJ737E23.1; CD93 molecule; anti-CD93 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	VIMD2
Specificity	The mouse monoclonal antibody VIMD2 recognizes an extracellular epitope on CD93, an approximately 110-120kDa glycoprotein expressed mainly on myeloid cells and endothelial cells.
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 15mM sodium azide
Applicable Applications for anti-CD93 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE
Immunogen	KG1 cell line
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

ADDITIONAL INFORMATION

Related Product Information for anti-CD93 antibody	CD93 (also known as C1qR1) is a type I transmembrane glycoprotein containing extracellular N-terminal C-type lectin domain and five EGF-like domains, and an intracellular tail interacting with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. CD93 was reported to serve as a receptor for complement component C1q, but this Functional Application (FUNC)tion has not been fully elucidated yet. CD93 is involved in intercellular adhesion and in the clearance of apoptotic cells.
References	*Steinberger P, Szekeres A, Wille S, Stöckl J, Selenko N, Prager E, Staffler G, Madic O, Stockinger H, Knapp W: Identification of human CD93 as the phagocytic C1q receptor (C1qRp) by expression cloning. J Leukoc Biol. 2002 Jan;71(1):133-40., URL: http://www.ncbi.nlm.nih.gov/pubmed/11781389

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758613
NCBI GeneID	22918
NCBI Accession #	NP_036204.2

NCBI GenBank Nucleotide #	NM_012072.3
UniProt Accession #	Q9NPY3; O00274
Molecular Weight	68,560 Da
NCBI Official Full Name	complement component C1q receptor
NCBI Official Synonym Full Names	CD93 molecule
NCBI Official Symbol	CD93
NCBI Official Synonym Symbols	C1QR1; C1qRP; CDw93; ECSM3; MXRA4; C1qR(P); dJ737E23.1
NCBI Protein Information	complement component C1q receptor; C1qR; CD93 antigen; C1q receptor 1; C1q/MBL/SPA receptor; matrix-remodelling associated 4; matrix-modeling-associated protein 4; complement component 1 q subcomponent receptor 1; complement component 1, q subcomponent,
UniProt Protein Name	Complement component C1q receptor
UniProt Gene Name	CD93
UniProt Synonym Gene Names	C1QR1; MXRA4; C1qR; C1qR(p); C1qRp
UniProt Entry Name	C1QR1_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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd93-antibody-clone-vimd2-flow-cytometry-elisa/129156>