

Mouse anti-Human CD94 Antibody | anti-CD94 antibody

CD94 Antibody

CATALOG # AAA108471	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Western Blot
-------------------------------	----------------------	----------------------------	--

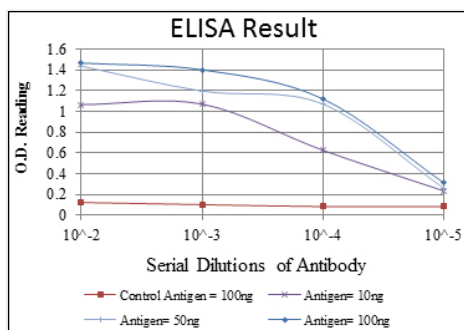
PRODUCT SYNONYMS

CD94; CD94 Antibody; KLRD1; anti-CD94 antibody

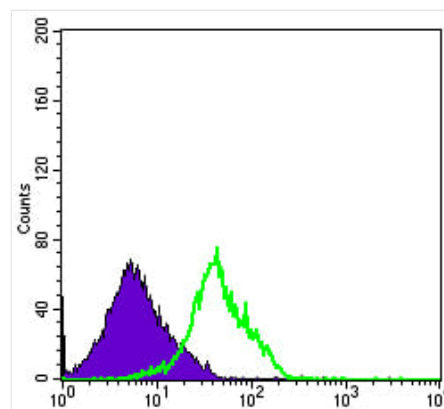
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	1H1
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	179
Applicable Applications for anti-CD94 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CD94 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES

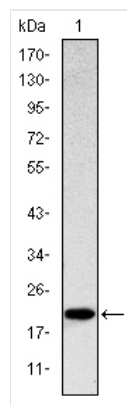


Application Data



FCM/FACS (Flow Cytometry)

Figure 2: Flow cytometric analysis of RAJI cells using CD94 mouse mAb (green) and negative control (purple).



WB (Western Blot)

Figure 1: Western blot analysis using CD94 mAb against recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-CD94 antibody	Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the regulation of NK cell function. KLRD1 (CD94) is an antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. Tissue specificity: Natural killer cells.
Product Categories/Family for anti-CD94 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614498
NCBI GeneID	3824
NCBI Accession #	NP_001107868.1
NCBI GenBank Nucleotide #	NM_001114396.1
UniProt Accession #	Q13241; O43321; O43773; Q9UBE3; Q9UEQ0
Molecular Weight	21kDa
NCBI Official Full Name	natural killer cells antigen CD94 isoform 1
NCBI Official Synonym Full Names	killer cell lectin like receptor D1
NCBI Official Symbol	KLRD1
NCBI Official Synonym Symbols	CD94
NCBI Protein Information	natural killer cells antigen CD94
UniProt Protein Name	Natural killer cells antigen CD94
UniProt Gene Name	KLRD1
UniProt Synonym Gene Names	CD94

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.