

Mouse anti-Human CD94 Monoclonal Antibody | anti-CD94 antibody

Anti-Hu CD94 PE

CATALOG # AAA128602	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD94; Monoclonal Antibody; Anti-Hu CD94 PE; killer cell lectin like receptor D1; KLR-D1; KLRD1; KCLLRD1; anti-CD94 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	HP-3D9
Specificity	The mouse monoclonal antibody HP-3D9 recognizes an extracellular epitope of CD94, a 70 kDa type II transmembrane glycoprotein expressed on NK cells, NK-T cells, and subsets of CD8+ T cells and gamma/delta T 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 15 mM sodium azide
Sequence Length	179
Applicable Applications for anti-CD94 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Cultured human NK 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-CD94 antibody	CD94, also known as KLRD1 (killer cell lectin-like receptor D1), is a transmembrane glycoprotein of the C-type lectin family, which forms disulfide-linked heterodimers with NKG2A, B, C, E, H proteins, constituting functionally distinct receptors of NK cells and related cell types. CD94/NKG2A and CD94/NKG2B heterodimers serve as inhibitory, whereas CD94/NKG2C and CD94/NKG2E as activating receptors. The ligand for CD94/NKG2 complexes has been identified as HLA-E. Extent of CD94 expression on NK cell surface can be used to demonstrate their progress through the differentiation process.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	334302835
NCBI GeneID	3824
UniProt Accession #	Q13241
NCBI Official Full Name	Natural killer cells antigen CD94

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
UniProt Entry Name	KLRD1_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/cd94-antibody-clone-hp-3d9-flow-cytometry-elisa/128602>