



Rabbit Anti-CD94 antibody

SL2521R

Product Name:	CD94
Chinese Name:	NK细胞表面抑制性受体CD94抗体
Alias:	Killer cell lectin-like receptor subfamily D member 1; CD 94; CD94 antigen; KLRD 1; KLRD1; KLRD1 protein; KP 43; KP43; Natural killer cells antigen CD94; NK cell receptor; KLRD1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	20kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CD94:71-179/179
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq].

Function:

Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells.

Subunit:

Can form disulfide-bonded heterodimer with NKG2 family members.

Subcellular Location:

Membrane; Single-pass type II membrane protein.

Tissue Specificity:

Natural killer cells.

Similarity:

Contains 1 C-type lectin domain.

SWISS:

O54707

Gene ID:

3824

Database links:

[Entrez Gene: 3824](#)Human

[Omir: 602894](#)Human

[SwissProt: Q13241](#)Human

[Unigene: 524251](#)Human

[Unigene: 562457](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:

