

For Research Use Only

Anti-Human CD94 Rabbit Recombinant Antibody

Catalog Number: 98172-1-RR



Basic Information

Catalog Number: 98172-1-RR	GenBank Accession Number: BC028009	Purification Method: Protein A purification
Size: 100ug, 1000 ug/ml	GeneID (NCBI): 3824	CloneNo.: 241704E11
Source: Rabbit	UNIPROT ID: Q13241	
Isotype: IgG	Full Name: killer cell lectin-like receptor subfamily D, member 1	
	Calculated MW: 179 aa, 20 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

CD94, also known as KLRD1, is a membrane protein that is preferentially expressed on NK cells. CD94 can form disulfide-bonded heterodimers with NKG2 family members. The CD94/NKG2A heterodimer constitutes an inhibitory receptor that recognizes HLA-E.

Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

For technical support and original validation data for this product please contact:

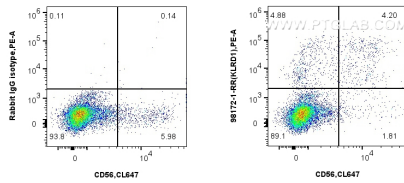
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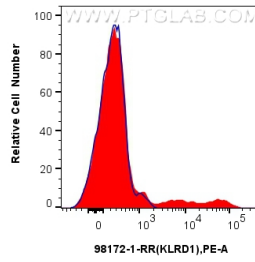
W: ptgcn.com

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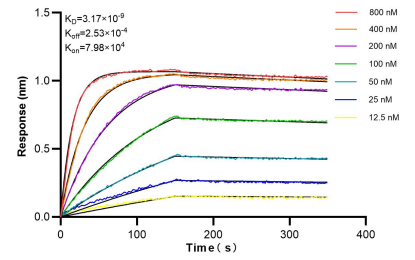
Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD94 Rabbit Recombinant Antibody (98172-1-RR, Clone:241704E11) or Isotype Control, and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Human NCAM1/CD56. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD94 Rabbit Recombinant Antibody (98172-1-RR, Clone: 241704E11) (red) or Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



Bi-layer interferometry (BLI) kinetic assays of 98172-1-RR against Human CD94 were performed. The affinity constant is below 3.17 nM.