

For Research Use Only

Anti-Human CD94 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98172-1-PBS



Basic Information

Catalog Number: 98172-1-PBS	GenBank Accession Number: BC028009	Purification Method: Protein A purification
Size: 1mg, 2 mg/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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

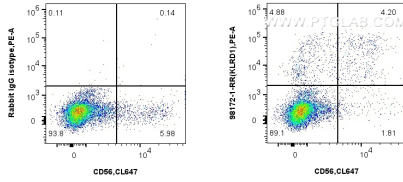
T: 4006900926

E: Proteintech-CN@ptglab.com

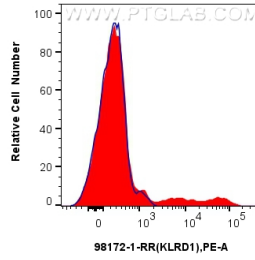
W: ptgcn.com

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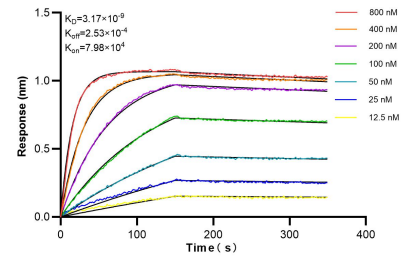
Selected Validation Data



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. This data was developed using the same antibody clone with 98172-1-PBS in a different storage buffer



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. This data was developed using the same antibody clone with 98172-1-PBS in a different storage buffer formulation.



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