

For Research Use Only

Anti-Human CD94 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98172-1-PBS



Basic Information

Catalog Number:

98172-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC028009

GeneID (NCBI):

3824

UNIPROT ID:

Q13241

Full Name:

killer cell lectin-like receptor
subfamily D, member 1

Calculated MW:

179 aa, 20 kDa

Purification Method:

Protein A purification

CloneNo.:

241704E11

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.

Storage Buffer:

PBS Only

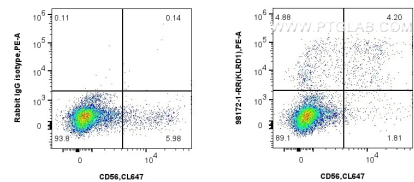
For technical support and original validation data for this product please contact:

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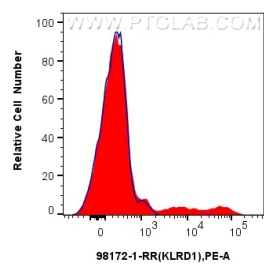
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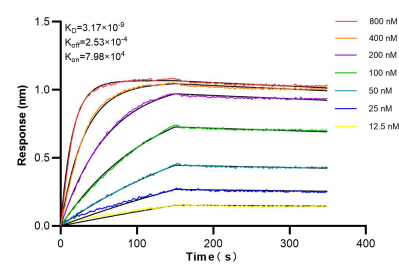
Selected Validation Data



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.