

For Research Use Only

Anti-Human Fas/CD95 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98034-2-PBS



Basic Information

Catalog Number:

98034-2-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000043.6

GeneID (NCBI):

355

UNIPROT ID:

P25445-1

Full Name:

Fas (TNF receptor superfamily, member 6)

Calculated MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

240340G11

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

FAS, also named as CD95, APO-1, APT1, FAS1 and TNFRSF6, is a receptor for TNFSF6/FASLG. It is a cell surface receptor belonging to the TNF receptor superfamily, can mediate apoptosis by ligation with an agonistic anti-Fas antibody or Fas ligand. Stimulation of Fas results in the aggregation of its intracellular death domains, leading to the formation of the death-inducing signaling complex (DISC). FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

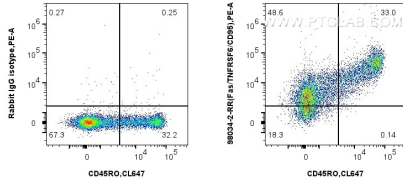
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

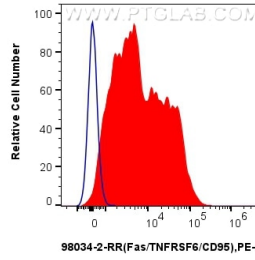
E: proteintech@ptglab.com
W: ptglab.com

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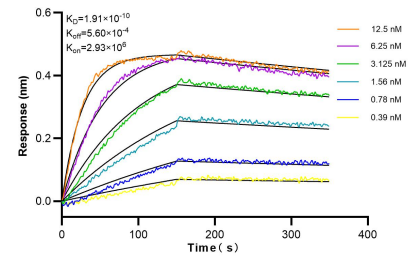
Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human Fas/CD95 Rabbit Recombinant Antibody (98034-2-RR, Clone: 240340G11) or Isotype Control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD45RO (UCHL1) (CL647-65150, Clone: UCHL1). Cells were not fixed. This data was developed using the same antibody clone with 98034-2-PBS in a different storage buffer formulation.



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human Fas/CD95 Rabbit Recombinant Antibody (98034-2-RR, Clone: 240340G11) (red) or Isotype Control (blue), and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98034-2-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 98034-2-RR against Human Fas/CD95 were performed. The affinity constant is 0.191 nM.