

For Research Use Only

Anti-Human CD30/TNFRSF8 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98124-1-PBS



Basic Information

Catalog Number:

98124-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001243

GeneID (NCBI):

943

UNIPROT ID:

P28908

Full Name:

tumor necrosis factor receptor
superfamily, member 8

Calculated MW:

64 kDa

Purification Method:

Protein A purification

CloneNo.:

241330A12

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

CD30, also known as TNFRSF8 or Ki-1, is a transmembrane glycoprotein belonging to the tumor necrosis factor receptor superfamily. It is composed of an extracellular domain with six cysteine-rich repeats, a transmembrane segment, and an intracellular domain (PMID: 1310894). CD30 is expressed on a small subset of activated T and B lymphocytes, and a variety of lymphoid neoplasms, with the highest expression in classical Hodgkin's lymphoma and anaplastic large cell lymphoma (PMID: 9826579; 28885612). The CD30 ligand (CD30L or CD153) is a type II transmembrane glycoprotein of the tumor necrosis factor ligand superfamily (PMID: 8701986). Signal transduction of CD30/CD30L utilizes signal transducers, TNFR-associated factors (TRAF1, 2, 3 and 5) (PMID: 9826579).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

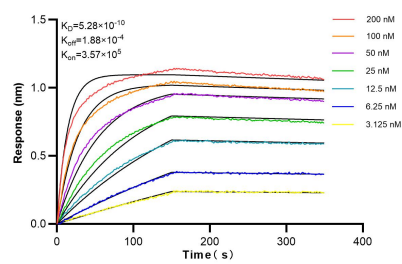
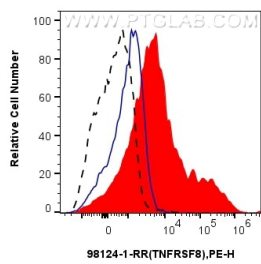
For technical support and original validation data for this product please contact:

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Selected Validation Data



1x10⁶ PHA-treated human PBMCs were surface stained with 0.25 ug Anti-Human CD30 Rabbit Recombinant Antibody (98124-1-RR, Clone: 241330A12) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), 0.25 ug or Isotype Control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (blue). 1x10⁶ untreated human PBMCs were surface stained with 0.25 ug Anti-Human CD30 Rabbit Recombinant Antibody (98124-1-RR, Clone: 241330A12)



Biolayer interferometry (BLI) kinetic assays of 98124-1-RR against Human CD30 were performed. The affinity constant is 0.528 nM.