

For Research Use Only

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

Catalog Number: 98209-1-PBS



Basic Information

Catalog Number:

98209-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_009401.2

GeneID (NCBI):

21941

UNIPROT ID:

Q60846

Full Name:

tumor necrosis factor receptor superfamily, member 8

Calculated MW:

53kDa

Purification Method:

Protein A purification

CloneNo.:

241710B4

Applications

Tested Applications:

FC

Species Specificity:

mouse

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.

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:

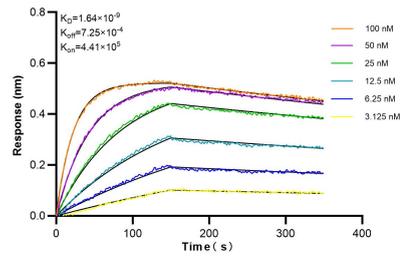
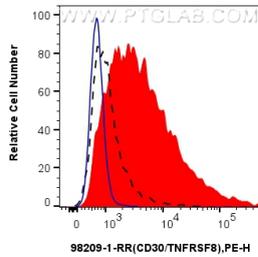
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ anti-CD3/CD28 treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD30/TNFRSF8 Rabbit Recombinant Antibody (98209-1-RR, Clone: 241710B4) (red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). 1x10⁶ untreated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD30/TNFRSF8 Rabbit Recombinant Antibody (98209-1-RR, Clone: 241710B4) (black, dashed) and PE-Conjugated

Biolayer interferometry (BLI) kinetic assays of 98209-1-RR against Mouse CD30/TNFRSF8 were performed. The affinity constant is 1.64 nM.