

For Research Use Only

Anti-Mouse CD30/TNFRSF8 Rabbit Recombinant Antibody

Catalog Number: 98209-1-RR



Basic Information

Catalog Number: 98209-1-RR	GenBank Accession Number: NM_009401.2	Purification Method: Protein A purification
Size: 100ug, 1000 µg/ml	GeneID (NCBI): 21941	CloneNo.: 241710B4
Source: Rabbit	UNIPROT ID: Q60846	
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 8	
	Calculated MW: 53kDa	

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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

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

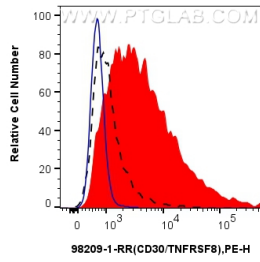
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Selected Validation Data



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