

For Research Use Only

CD30/TNFRSF8 Recombinant monoclonal antibody

Catalog Number: 87467-3-RR



Basic Information

Catalog Number: 87467-3-RR	GenBank Accession Number: /	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 25069	CloneNo.: 252212B8
Source: Rabbit	UNIPROT ID: P97525	Recommended Dilutions: WB: 1:500-1:2000 IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 8	
Immunogen Catalog Number: EG6226	Calculated MW: 53 kDa	
	Observed MW: 160 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: mouse, rat	WB : PC-12 cells, rat spleen tissue, rat thymus tissue, rat lung tissue, mouse spleen tissue
	IF/ICC : PC-12 cells,

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).

Storage

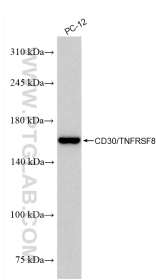
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

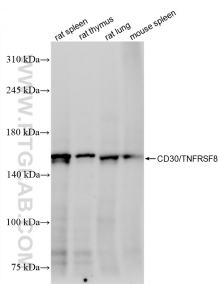
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

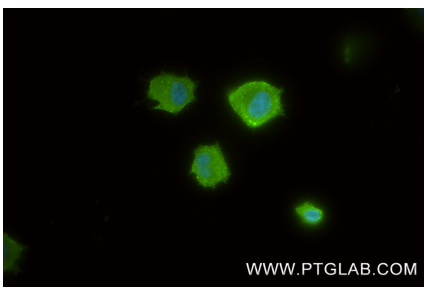
Selected Validation Data



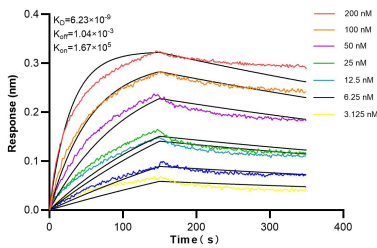
PC-12 cells were subjected to SDS PAGE followed by western blot with 87467-3-RR (CD30/TNFRSF8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 87467-3-RR (CD30/TNFRSF8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed PC-12 cells using CD30/TNFRSF8 antibody (87467-3-RR, Clone: 252212B8) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 87467-3-RR against Rat CD30/TNFRSF8 were performed. The affinity constant is 6.23 nM.