

For Research Use Only

Rat CD30/TNFRSF8 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87467-3-PBS



Basic Information

Catalog Number: 87467-3-PBS	GenBank Accession Number: /	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 25069	CloneNo.: 252212B8
Source: Rabbit	UNIPROT ID: P97525	
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, Indirect ELISA

Species Specificity:
mouse, rat

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

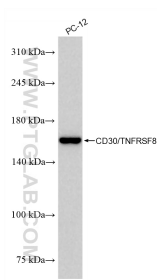
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

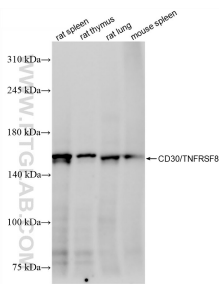
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

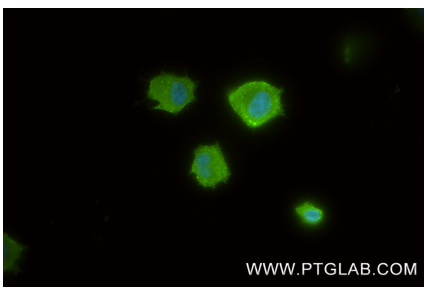
Selected Validation Data



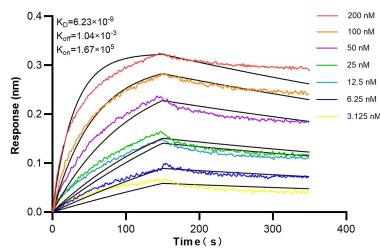
PC-12 cells were subjected to SDS PAGE followed by western blot with 87467-3-RR (CD30/TNFRSF8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87467-3-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 87467-3-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 87467-3-PBS in a different storage buffer formulation.



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