

For Research Use Only

Rat CD30/TNFRSF8 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87467-3-PBS



Basic Information

Catalog Number:

87467-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG6226

GenBank Accession Number:

/

GeneID (NCBI):

25069

UNIPROT ID:

P97525

Full Name:

tumor necrosis factor receptor
superfamily, member 8

Calculated MW:

53 kDa

Observed MW:

160 kDa

Purification Method:

Protein A purification

CloneNo.:

252212B8

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

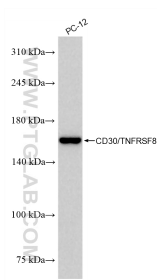
T: 4006900926

E: Proteintech-CN@ptglab.com

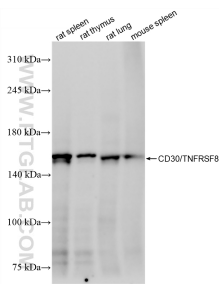
W: ptgcn.com

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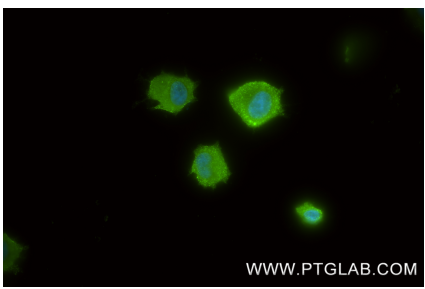
Selected Validation Data



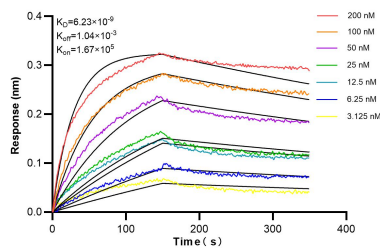
PC-12 cells were subjected to SDS PAGE followed by western blot with 87467-3-RR (CD30/TNFRSF8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87467-3-PBS in a different storage buffer formulation.



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.