

For Research Use Only

CD40L/CD154 Recombinant antibody, PBS Only

Catalog Number:85209-4-PBS



Basic Information

Catalog Number: 85209-4-PBS	GenBank Accession Number: BC071754	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 959	CloneNo.: 242847A5
Source: Rabbit	UNIPROT ID: P29965	
Isotype: IgG	Full Name: CD40 ligand	
	Calculated MW: 261 aa, 29 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

The CD40 ligand (CD40L, TRAP, CD154), a member of the TNF superfamily of ligands, is expressed as either a 33 kDa transmembrane homologue or an 18 kDa soluble form (sCD154). CD40L is primarily expressed on activated CD4+ T cells and a small proportion of CD8+ T cells and platelets. It binds to CD40 on antigen-presenting cells (APC), which leads to many effects depending on the target cell type. Recent studies have suggested that CD40/CD40L interactions regulate oxidative stress and affect various signaling pathways in both the immunological and the cardiovascular systems. The CD40/CD40L system is also involved in tumorigenesis.

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:

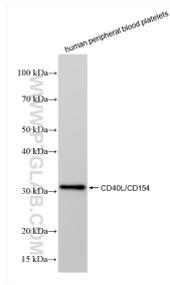
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 85209-4-RR (CD40L/CD154 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85209-4-PBS in a different storage buffer formulation.