

For Research Use Only

# CD40L/CD154 Recombinant antibody

Catalog Number: 85209-4-RR



## Basic Information

### Catalog Number:

85209-4-RR

### Size:

100ul , Concentration: 1000 µg/ml by  
Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

BC071754

### GeneID (NCBI):

959

### UNIPROT ID:

P29965

### Full Name:

CD40 ligand

### Calculated MW:

261 aa, 29 kDa

### Observed MW:

30 kDa

### Purification Method:

Protein A purification

### CloneNo.:

242847A5

### Recommended Dilutions:

WB 1:2000-1:10000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human

### Positive Controls:

WB : human peripheral blood platelets,

## 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 -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

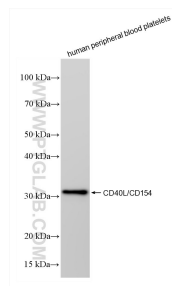
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## Selected Validation Data



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.