

For Research Use Only

Anti-Human CD40L/CD154 Rabbit scFv Antibody, PBS Only

Catalog Number: SF98355-2-PBS



Basic Information

Catalog Number: SF98355-2-PBS	GenBank Accession Number: BC071754	Purification Method: Affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 959	CloneNo.: 242847F7
Source: Rabbit	UNIPROT ID: P29965	
Type: scFv	Full Name: CD40 ligand	
Immunogen Catalog Number: EG3501	Calculated MW: 261 aa, 29 kDa	

Applications

Tested Applications:
FC, 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 18 kDa soluble form (sCD154). CD40L is primarily expressed on activated CD4+ T cells and on 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

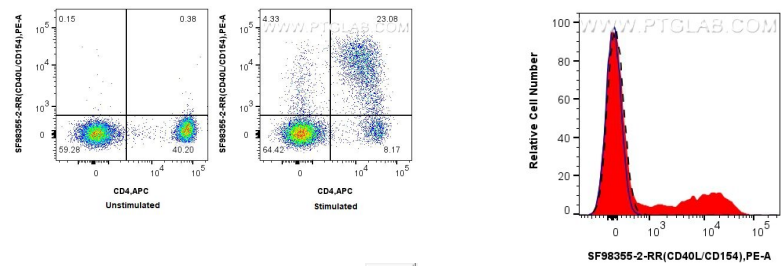
Storage:
Store at -80°C.

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
W: ptglab.com

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Selected Validation Data



1x10⁶ untreated or PMA and ionomycin treated human PBMCs were surface stained with 0.25 ug Anti-Human CD40L/CD154 Rabbit scFv Antibody (SF98355-2-RR, Clone: 242847F7) and PE Anti-6^{His}, His-Tag Rabbit RecAb (PE-FcA98450, Clone: 251107A1). Cells were then stained with APC Anti-Human CD4. Cells were incubated with FC Receptor Block before staining. Cells were not fixed. This data was developed using the same antibody clone with SF98355-2-PBS in

1x10⁶ PMA and ionomycin treated human PBMCs were surface stained with 0.25 ug Anti-Human CD40L/CD154 Rabbit scFv Antibody (SF98355-2-RR, Clone: 242847F7) (red), or 0.25 ug Rabbit scFv Isotype Control Antibody (SF98136-1-RR, Clone: 240953C9) (blue) and PE Anti-6^{His}, His-Tag Rabbit RecAb (PE-FcA98450, Clone: 251107A1). 1x10⁶ untreated human PBMCs were surface stained with 0.25 ug Anti-Human CD40L/CD154 Rabbit scFv Antibody