

APC Anti-Human CD40 (G28.5)

Catalog Number: **APC-65103**

Basic Information

Catalog Number:

APC-65103

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC012419

GeneID (NCBI):

958

ENSEMBL Gene ID:

ENSG00000101017

UNIPROT ID:

P25942

Full Name:

CD40 molecule, TNF receptor superfamily member 5

Calculated MW:

277 aa, 31 kDa

Purification Method:

Affinity purification

CloneNo.:

G28.5

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC

Species Specificity:

Human

Background Information

CD40, also named as TNFRSF5 and Bp50, is a type I transmembrane protein that belongs to the tumor necrosis factor-R (TNF-R) family (PMID: 10647992). CD40 is expressed on B cells, dendritic cells (DCs), monocytes, platelets, and macrophages as well as by non-hematopoietic cells such as myofibroblasts, fibroblasts, epithelial, and endothelial cells (PMID: 19426221). It is a receptor for TNFSF5/CD40LG. CD40L/CD40 interactions are essential for immunoglobulin (Ig) isotype switching, germinal center formation and the development of B cell memory (PMID: 7516405; 11675497).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

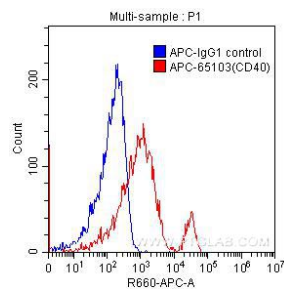
For technical support and original validation data for this product please contact:

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

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

Selected Validation Data



1X10⁶ human peripheral blood lymphocytes were surface stained with 0.20 ug APC-anti-human CD40 (APC-65103, clone G28.5) (red) or 0.20 ug APC-mouse IgG1 isotype control (blue). Cells were not fixed.