

For Research Use Only

APC Anti-human CD40 (G28.5)

Catalog Number: APC-65103



Basic Information

Catalog Number: APC-65103	GenBank Accession Number: BC012419	Purification Method: Affinity purification
Size: 100tests , Concentration: 5 µl(0.25µg)/test by Bradford method using BSA as the standard;	GeneID (NCBI): 958	CloneNo.: G28.5
Source: Mouse	Full Name: CD40 molecule, TNF receptor superfamily member 5	
Isotype: IgG1	Calculated MW: 277 aa, 31 kDa	

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.

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

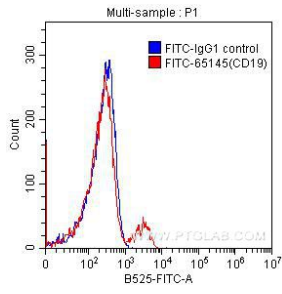
For technical support and original validation data for this product please contact:

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Selected Validation Data



1X10⁶ human peripheral blood lymphocytes were surface stained with 0.25 ug APC-anti-human CD40 (APC-65103, clone G28.5) (red) or 0.25 ug APC-mouse IgG1 isotype control (blue). Samples were not fixed.