

For Research Use Only

# Anti-Human CD40 (G28.5), PBS Only

Catalog Number: 65103-1-PBS



## Basic Information

<b>Catalog Number:</b> 65103-1-PBS	<b>GenBank Accession Number:</b> BC012419	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 1mg/ml	<b>GeneID (NCBI):</b> 958	<b>CloneNo.:</b> G28.5
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000101017	
<b>Isotype:</b> IgG1, kappa	<b>Full Name:</b> CD40 molecule, TNF receptor superfamily member 5	
	<b>Calculated MW:</b> 277 aa, 31 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**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 -80°C.

**Storage Buffer:**  
PBS Only

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

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## Selected Validation Data