



# Anti-CD40 polyclonal antibody [Biotin] (DPABY-635)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	CD40 is a type I transmembrane glycoprotein belonging to the TNF receptor superfamily. CD40 is expressed on B cells, follicular dendritic cells, dendritic cells, activated monocytes, macrophages, endothelial cells, vascular smooth muscle cells and several tumor cell lines.
<b>Specificity</b>	Detects mouse CD40 in ELISAs and Western blots. In sandwich immunoassays, less than 0.05% cross-reactivity with rhCD40, rmCD27, rmCD30 and rmFas is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse CD40 isoform 1. Val24-Arg193 Accession Number P27512
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 °C as supplied.  
1 month, 2 to 8 °C under sterile conditions after reconstitution.  
6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

Gene Name	<a href="#">Cd40 CD40 antigen [ Mus musculus (house mouse) ]</a>
Official Symbol	CD40
Synonyms	CD40; CD40 antigen; IGM; p50; Bp50; GP39; IMD3; TRAP; HIGM1; T-BAM; Tnfrsf5; AI326936; tumor necrosis factor receptor superfamily member 5; CD40L receptor; B-cell surface antigen CD40; T-cell differentiation antigen; tumor necrosis factor receptor superfa
Entrez Gene ID	<a href="#">21939</a>
Protein Refseq	<a href="#">NP_035741</a>
UniProt ID	<a href="#">P27512</a>
Chromosome Location	2 H3; 2 85.38 cM
Pathway	Adaptive Immune System; Allograft rejection; Asthma; Autoimmune thyroid disease; Cell adhesion molecules (CAMs); Cytokine-cytokine receptor interaction; Epstein-Barr virus infection; HTLV-I infection;
Function	antigen binding; enzyme binding; protein binding; ubiquitin protein ligase binding;