



# Anti-CD40 monoclonal antibody, clone 76035 (DCABY-4213)

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/TNFRSF5 in ELISAs and Western blots. In sandwich immunoassays, no cross-reactivity or interference with recombinant human CD40/TNFRSF5, recombinant mouse (rm)CD40Ligand, rmCD27/TNFRSF7, rmCD30/TNFRSF8, or rmFas/TNFRSF6 is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse CD40/TNFRSF5. Val24-Arg193 Accession Number P27512
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	76035
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot, Flow Cytometry, ELISA Capture (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	500 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

<b>Preservative</b>	None
<b>Storage</b>	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Cd40 CD40 antigen [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	CD40
<b>Synonyms</b>	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
<b>Entrez Gene ID</b>	<a href="#">21939</a>
<b>Protein Refseq</b>	<a href="#">NP_035741</a>
<b>UniProt ID</b>	<a href="#">P27512</a>
<b>Chromosome Location</b>	2 H3; 2 85.38 cM
<b>Pathway</b>	Adaptive Immune System; Allograft rejection; Asthma; Autoimmune thyroid disease; Cell adhesion molecules (CAMs); Cytokine-cytokine receptor interaction; Epstein-Barr virus infection; HTLV-I infection;
<b>Function</b>	antigen binding; enzyme binding; protein binding; ubiquitin protein ligase binding;