



Anti-CD40LG monoclonal antibody, clone 35-42 (DCABH-5621)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to CD40L - Low endotoxin, Azide free
Antigen Description	Mediates B-cell proliferation in the absence of co-stimulus as well as IgE production in the presence of IL-4. Involved in immunoglobulin class switching. Release of soluble CD40L from platelets is partially regulated by GP IIb/IIIa, actin polymerization, and an matrix metalloproteinases (MMP) inhibitor-sensitive pathway.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	35-42
Conjugate	Functional Grade
Applications	Functional Studies, Flow Cyt
Positive Control	Activated Human peripheral blood leukocytes.
Format	Liquid
Size	100 µg
Buffer	pH: 7.2; Constituent: 100% PBS
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Ship

Shipped at 4°C.

GENE INFORMATION

Gene Name	CD40LG CD40 ligand [Homo sapiens]
Official Symbol	CD40LG
Synonyms	CD40LG; CD40 ligand; HIGM1, IMD3, TNFSF5, tumor necrosis factor (ligand) superfamily, member 5 (hyper IgM syndrome); CD40 antigen ligand; CD40L; CD154; gp39; hCD40L; hyper IgM syndrome; T B cell activating molecule; TNF related activation protein; TRAP;
Entrez Gene ID	959
Protein Refseq	NP_000065
UniProt ID	P29965
Chromosome Location	Xq26
Pathway	Adaptive Immune System, organism-specific biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Asthma, organism-specific biosystem; Asthma, conserved biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem;
Function	CD40 receptor binding; cytokine activity; tumor necrosis factor receptor binding;