



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

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 Ilb/Illa, 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.	Product Overview	Mouse monoclonal to CD40L - Low endotoxin, Azide free
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	Antigen Description	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
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	Isotype	lgG1
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	Source/Host	Mouse
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	Species Reactivity	Human
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	Clone	35-42
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	Conjugate	Functional Grade
Format Liquid Size 100 μg Buffer pH: 7.2; Constituent: 100% PBS Preservative None Storage Storage Storage Storage Storage Storage	Applications	Functional Studies, Flow Cyt
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	Positive Control	Activated Human peripheral blood leukocytes.
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	Format	Liquid
Preservative None Storage Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid	Size	100 μg
Storage Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid	Buffer	pH: 7.2; Constituent: 100% PBS
	Preservative	None
	Storage	

45-1 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-624-4882 Fax: 1-631-938-8221

Email: info@creative-diagnostics.com

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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	<u>959</u>
Protein Refseq	NP_000065
UniProt ID	<u>P29965</u>
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;