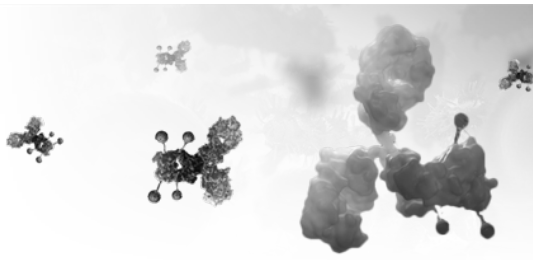

Magic™ Anti-CD40LG monoclonal antibody, clone 2I5 (DCAB-TJ269)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper
Specificity	Soluble human CD40L. Can be used for detection of human sCD40L in serum.
Immunogen	Recombinant human soluble CD40 Ligand/TRAP Analog conjugates with BSA.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2I5
Affinity Constant	Not determined
Purification	> 90% pure. Protein A Sepharose chromatography. Purity is tested by electrophoresis.
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pair for sandwic Suggested pair for testing (Capture - Detection): DCAB-TJ269 - DCAB-TJ271
Format	Purified, Liquid
Concentration	5.3 mg/ml

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Size	1 mg
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

GENE INFORMATION

Gene Name	CD40LG CD40 ligand [Homo sapiens (human)]
Official Symbol	CD40LG
Synonyms	CD40LG; CD40 ligand; IGM; IMD3; TRAP; gp39; CD154; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L; CD40-L; CD40 antigen ligand; T-cell antigen Gp39; T-B cell-activating molecule; TNF-related activation protein; tumor necrosis factor (ligand) superfamily member 5; tu
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, organism-specific biosystem; Allograft rejection, conserved biosystem; Asthma, organism-specific biosystem; Asthma, conserved biosy
Function	CD40 receptor binding; cytokine activity; tumor necrosis factor receptor binding

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