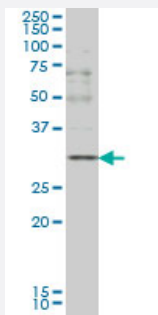


CD40LG monoclonal antibody (M01), clone 2E2

Catalog # H00000959-M01

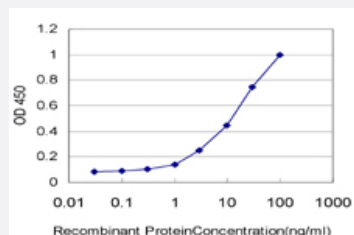
Size 100 ug

Applications



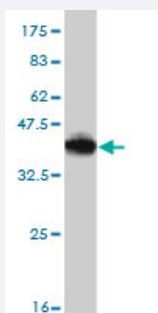
Western Blot (Cell lysate)

CD40LG monoclonal antibody (M01), clone 2E2 Western Blot analysis of CD40LG expression in K-562 (Cat # L009V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD40LG is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.07 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CD40LG.

Immunogen	CD40LG (NP_000065, 101 a.a. ~ 203 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NKEETKKENSFEMQKGDQNPQIAAHVISEASSKTTSVLQWAEKGYTMSNNLVTLENGKQLTVKR QGLYYIAQVTFCSNREASSQAPFIASLCLKSPGRFER
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (72)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.07 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CD40LG monoclonal antibody (M01), clone 2E2 Western Blot analysis of CD40LG expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD40LG is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CD40LG

Entrez GeneID [959](#)

GeneBank Accession#	NM_000074
Protein Accession#	NP_000065
Gene Name	CD40LG
Gene Alias	CD154, CD40L, HIGM1, IGM, IMD3, T-BAM, TNFSF5, TRAP, gp39, hCD40L
Gene Description	CD40 ligand
Omim ID	300386 308230
Gene Ontology	Hyperlink
Gene Summary	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-IgM syndrome. [provided by RefSeq]
Other Designations	CD40 antigen ligand OTTHUMP00000024130 T-B cell-activating molecule TNF-related activation protein tumor necrosis factor (ligand) superfamily member 5

Pathway

- [Allograft rejection](#)
- [Asthma](#)
- [Autoimmune thyroid disease](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Cytokine-cytokine receptor interaction](#)
- [Primary immunodeficiency](#)
- [Systemic lupus erythematosus](#)
- [T cell receptor signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)

- [Atherosclerosis](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Stenosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Drug Eruptions](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Immunologic Deficiency Syndromes](#)
- [Infant](#)
- [Lupus Erythematosus](#)
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- [Polycystic Ovary Syndrome](#)

- [Puberty](#)
- [Renal Insufficiency](#)
- [Respiratory Syncytial Virus Infections](#)
- [Severe Combined Immunodeficiency](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Werner syndrome](#)