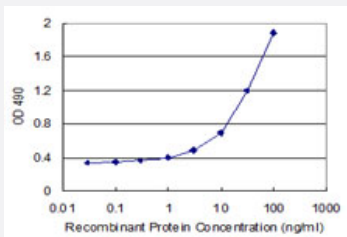


# CD40LG (Human) Matched Antibody Pair

Catalog # H00000959-AP12

Size 1 Set

## Applications



Sandwich ELISA detection sensitivity ranging from 0.3 ng/ml to 100 ng/ml.

## Specification

|                                      |                                                                                                                                                                                                                                                                                            |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human CD40LG.                                                                                                                                                                        |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                                                                      |
| <b>Interspecies Antigen Sequence</b> | Mouse (74%); Rat (76%)                                                                                                                                                                                                                                                                     |
| <b>Quality Control Testing</b>       | Standard curve using mammalian expressed recombinant protein as an analyte.<br>Sandwich ELISA detection sensitivity ranging from 0.3 ng/ml to 100 ng/ml.                                                                                                                                   |
| <b>Supplied Product</b>              | Antibody pair set content:<br>1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-CD40LG (100 ug)<br>2. Detection antibody: mouse monoclonal anti-CD40LG, IgG2a Kappa (20 ug)<br>*Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols. |
| <b>Storage Instruction</b>           | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.                                                                                                         |

## Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

## Gene Info — CD40LG

|                    |                                                                                                                                                                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">959</a>                                                                                                                                                                                                                                                                                |
| Gene Name          | CD40LG                                                                                                                                                                                                                                                                                             |
| Gene Alias         | CD154, CD40L, HIGM1, IGM, IMD3, T-BAM, TNFSF5, TRAP, gp39, hCD40L                                                                                                                                                                                                                                  |
| Gene Description   | CD40 ligand                                                                                                                                                                                                                                                                                        |
| Omim ID            | <a href="#">300386</a> <a href="#">308230</a>                                                                                                                                                                                                                                                      |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                          |
| 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](#)
- [Malaria](#)
- [Metabolic Syndrome X](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Neoplasms](#)

- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Pemphigus](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Renal Insufficiency](#)
- [Respiratory Syncytial Virus Infections](#)
- [Severe Combined Immunodeficiency](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Werner syndrome](#)