

**CD40L Rabbit mAb**  
Catalog # AP77666**Specification**

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**CD40L Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">P29965</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	29274

**CD40L Rabbit mAb - Additional Information**

Gene ID 959

**Other Names**  
CD40LG**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**CD40L Rabbit mAb - Protein Information****Name** CD40LG**Synonyms** CD40L, TNFSF5, TRAP**Function**

Cytokine that acts as a ligand to CD40/TNFRSF5 (PubMed:[1280226](http://www.uniprot.org/citations/1280226), PubMed:[31331973](http://www.uniprot.org/citations/31331973)). Costimulates T-cell proliferation and cytokine production (PubMed:[8617933](http://www.uniprot.org/citations/8617933)). Its cross-linking on T-cells generates a costimulatory signal which enhances the production of IL4 and IL10 in conjunction with the TCR/CD3 ligation and CD28 costimulation (PubMed:[8617933](http://www.uniprot.org/citations/8617933)). Induces the activation of NF-kappa-B (PubMed:[15067037](http://www.uniprot.org/citations/15067037), PubMed:[31331973](http://www.uniprot.org/citations/31331973)). Induces the activation of kinases MAPK8 and PAK2 in T-cells (PubMed:[15067037](http://www.uniprot.org/citations/15067037)). Induces tyrosine phosphorylation of isoform 3 of CD28 (PubMed:[15067037](http://www.uniprot.org/citations/15067037)). Mediates B-cell proliferation in the absence of co-stimulus as well as IgE production in the presence of IL4 (By similarity). Involved in immunoglobulin class switching (By similarity).

### Cellular Location

Cell membrane; Single-pass type II membrane protein. Cell surface

### Tissue Location

Specifically expressed on activated CD4+ T- lymphocytes

### CD40L Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CD40L Rabbit mAb - Images

