

Anti-TNFSF5 / CD40L / CD154 Reference Antibody (letolizumab)

Recombinant Antibody Catalog # APR10637

Product Information

Application FC, Kinetics, Animal Model

Primary Accession P29965

Reactivity Human, Mouse
Clonality Monoclonal
Isotype IgG1

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Calculated MW 29274

Additional Information

Target/Specificity TNFSF5 / CD40L / CD154

Endotoxin

Conjugation Unconjugated

Expression system CHO Cell

Format Purified monoclonal antibody supplied in PBS, pH6.0, without

preservative. This antibody is purified through a protein A column.

Protein Information

Name CD40LG

Synonyms CD40L, TNFSF5, TRAP

Function Cytokine that acts as a ligand to CD40/TNFRSF5 (PubMed: <u>1280226</u>,

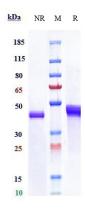
PubMed:31331973). Costimulates T-cell proliferation and cytokine production (PubMed:8617933). Its cross-linking on T-cells generates a costimulatory signal which enhances the production of IL4 and IL10 in conjunction with the TCR/CD3 ligation and CD28 costimulation (PubMed:8617933). Induces the activation of NF-kappa-B (PubMed:15067037, PubMed:31331973). Induces the activation of kinases MAPK8 and PAK2 in T-cells (PubMed:15067037). Induces tyrosine phosphorylation of isoform 3 of CD28 (PubMed: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).

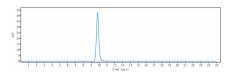
Cellular Location Cell membrane; Single-pass type II membrane protein. Cell surface

Tissue Location Specifically expressed on activated CD4+ T- lymphocytes

Images



Anti-TNFSF5 / CD40L / CD154 Reference Antibody (letolizumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-TNFSF5 / CD40L / CD154 Reference Antibody (letolizumab)is more than 98.32% ,determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.