

Anti-CD40L/Cd40Ig Antibody Picoband® Biotin Conjugated

Catalog Number: A01114-2-Biotin

About Cd40Ig

CD40 ligand (CD40L) is a type II membrane protein of 261 amino acids on activated T cells that induces B cell proliferation and immunoglobulin secretion. It has homology with tumour necrosis factor-alpha and -beta, and has important functions in B-cell activation and differentiation. Human CD40L with 5 exons, is mapped to the proximal region of the mouse X chromosome on Xq26.3-27.1, and can be detected on T cells but is absent from B cells and monocytes. Since CD40L is expressed on platelets and released from them on activation, its predictive value as a marker for clinical outcome and the therapeutic effect of inhibition of glycoprotein IIb /IIIa receptor in patients with acute coronary syndromes was investigated. The soluble CD40L may be involved in the process of restenosis and that it exerts its effect by triggering a complex group of inflammatory reactions on endothelial and mononuclear cells. CD40L plays a central role in the pathophysiology of acute coronary syndromes, and has a role in the pathogenesis of coronary artery lesions.

Overview

Product Name	Anti-CD40L/Cd40Ig Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P27548

Technical Details

Immunogen	E. coli-derived mouse CD40L recombinant protein (Position: E107-L260).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

1 Publications Citing This Product

1. PubMed ID: 19204010, Yang G, Fang Z, Liu Y, Zhang H, Shi X, Ji Q, Lin Q, Lin R. Evid Based Complement Alternat Med. 2011;2011:930324. Doi: 10.1093/Ecam/Nep013. Epub 2011 Jun 5. Protective Effects Of Chinese Traditional Medicine Buyang Huanwu Decoction On Myocardial In...

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