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(818)-707-0392 (Fax)
order@abiocode.com
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CD40L (N) Antibody, Rabbit Polyclonal

Cat#: R0091-1

Quantity: 100 ug

Predicted M.W.: 29 kDa

Lot#: Refer to vial

Application: WB, ELISA

Uniprot ID: P29965

Background:

CD40 ligand (CD40L) is expressed on the surface of T cells and it regulates B cell function by engaging CD40 on the B cell surface. It plays a role in immunoglobulin class switching. A defective CD40L results in an inability to undergo immunoglobulin class switch and is associated with hypogammaglobulinemia syndrome.

Other Names:

CD40LG, RP3-527F8.3, CD154, HIGM1, IGM, IMD3, T-BAM, TNFSF5, TRAP, gp39, hCD40L

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human CD40L. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:5,000 (detect recombinant protein)

ELISA: 1:1,000-1:10,000 (detect native recombinant protein in a direct ELISA assay). Suitable for using as ELISA capture or detection antibody.

Product Data:

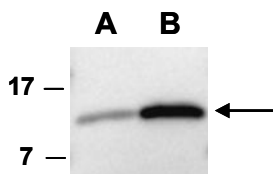


Fig 1. Western blot of recombinant human CD40L protein (A: 10 ng; B: 100 ng), using Ab (R0091-1) at RT for 2 h.