

Datasheet for ABIN7092963

anti-CD40 Ligand antibody (AA 99-330)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CD40 Ligand (CD40LG)
Binding Specificity:	AA 99-330
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD40 Ligand antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA

Product Details

Immunogen:	Recombinant human CD40L(Glu99-Ala330) (ABIN6964081) produced by using human HEK293 cells
Clone:	DM164
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	CD40 Ligand (CD40LG)
Alternative Name:	CD40L (CD40LG Products)
Background:	Synonyms:CD40LG,CD154,CD40L,HIGM1,IGM,IMD3,T-BAM,TNFSF5,TRAP,gp39

Target Details

Description: 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.

Molecular Weight: 29.3KDa

Pathways: [NF-kappaB Signaling](#), [Production of Molecular Mediator of Immune Response](#), [Cancer Immune Checkpoints](#)

Application Details

Application Notes: ELISA 1/5000-10000, Flow Cyt 1/100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization., 0.1 % Procline 300

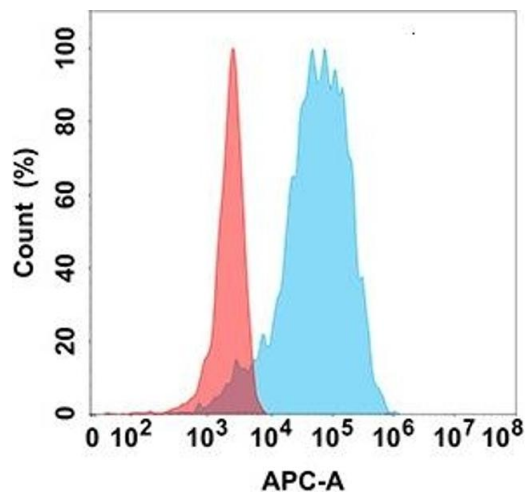
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



Flow Cytometry

Image 1. Flow cytometry analysis with Anti-CD40L (DM164) on Expi293 cells transfected with human CD40L (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).