

Datasheet for ABIN7266215

anti-CD70 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CD70
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD70 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	CD70 Rabbit mAb
Immunogen:	Recombinant protein of human CD70.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD70
Alternative Name:	CD70 (CD70 Products)
Background:	CD70 is a member of the TNF family whose expression is upregulated on DCs upon maturation.

Target Details

Its only receptor, CD27, is expressed on T cells and NK cells. The CD70/CD27 pathway promotes effector CD8+ T cells responses (by sustaining survival of CTLs) and influences polarization of CD4+ T cells, as it represents an alternative IL-12-independent pathway of Th1 priming and suppresses effector Th17 function.,CD70

Gene ID: 970

UniProt: [P32970](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: WB,1:500 - 1:2000,FC,1:100 - 1:800

Restrictions: For Research Use only

Handling

Format: Liquid

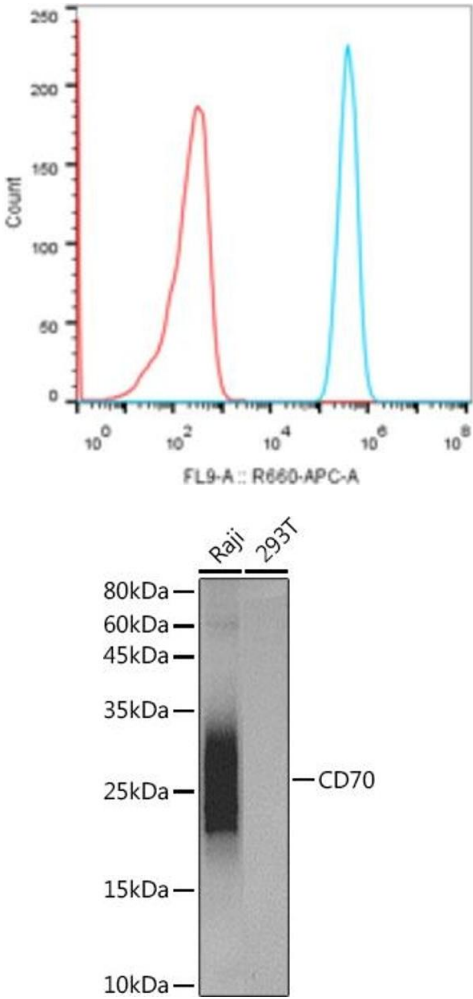
Buffer: PBS with 0.02 % thimerosal, pH 7.4.

Preservative: Thimerosal (Merthiolate)

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

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C (regular) or -20°C (long term). Avoid freeze



Flow Cytometry

Image 1. Flow cytometry: Raji cells were stained with Rabbit IgG isotype control (, 1 µg/mL, Red line) or CD70 Rabbit mAb (ABIN7266215, 1 µg/mL Blue line), followed by goat anti-Rabbit pAb APC (1:200 dilution) staining .

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD70 antibody (ABIN7266215) at dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST.