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Datasheet for ABIN7278476
anti-CD70 antibody (PerCP-Cy5.5)

1 Image

Overview

Quantity:	100 µg
Target:	CD70
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD70 antibody is conjugated to PerCP-Cy5.5
Application:	Flow Cytometry (FACS)

Product Details

Clone:	FR70
Isotype:	IgG2b
Purification:	This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

Target Details

Target:	CD70
Alternative Name:	CD70 (CD70 Products)
Background:	The FR70 monoclonal antibody reacts with mouse CD70, a 30-33 kDa type II transmembrane glycoprotein. CD70 is a member of the TNF family and is the ligand for CD27. CD70 is

Target Details

expressed on activated mouse T and B lymphocytes as well as activated dendritic cells. The interaction of CD70 with CD27 delivers important costimulatory signals to T cells and NK cells.

Gene ID: 21948

UniProt: [O55237](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system.

Comment: 0.2 mg/mL

Restrictions: For Research Use only

Handling

Buffer: 10 mM NaH₂PO₄, 150 mM NaCl, 0.09 % Sodium azide, 0.1 % gelatin, pH 7.2

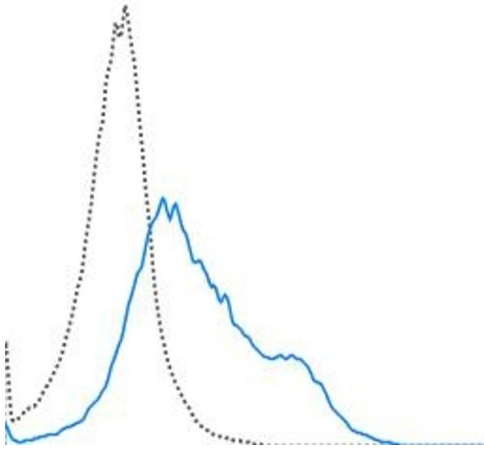
Preservative: Sodium azide

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

Storage: 4 °C

Storage Comment: 2-8°C protected from light

Expiry Date: 12 months



Flow Cytometry

Image 1. C57Bl/6 splenocytes were stimulated with LPS and Anti-Mouse CD40 for 2 days and then stained with 0.5 μ g PerCP-Cyanine5.5 Anti-Mouse CD70 (ABIN6961686) (solid line) or 0.5 μ g PerCP-Cyanine5.5 Rat IgG2b isotype control (dashed line).