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Datasheet for ABIN135267
anti-CD72.1 antibody (PE)

1 Image

Overview

Quantity:	0.1 mg
Target:	CD72.1
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD72.1 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	DBA/2 mouse spleen cells
Clone:	10-1-D2
Isotype:	IgG2b
Specificity:	Mouse CD72.1, Mr 45 kDa
Characteristics:	Mouse Anti-Mouse CD72.1-PE
Purification:	Ion exchange

Target Details

Target:	CD72.1
Abstract:	CD72.1 Products
Background:	CD72.1/Lyb-2.1, a type II integral membrane glycoprotein and a member of the C-lectin family

Target Details

of cell surface receptors, is a differentiation antigen of B cells, and is found in mouse strains expressing the Lyb-2.1 allotype. CD72.1 is the ligand of CD5 (Ly-1) which is distributed on all T cells and a small number of B cells. The 10-1.D.2 monoclonal antibody blocks binding of CD5 to CD72 on the B cell surface, which leads to inhibition of the positive signal resulting from CD5/CD72 pairing.

Application Details

Application Notes:

- **Applications:** FC - Quality tested , IP - Reported in literature , Activ - Reported in literature , Block - Reported in literature , Costim - Reported in literature
- **Working Dilutions:** Flow Cytometry FITC, BIOT, and AF488 conjugates 1 g/10⁶ cells PE conjugate 0.2 g/10⁶ cells APC and AF647 conjugates 0.1 g/10⁶ cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L

Comment: In vitro blocking and proliferation assays

Sample Volume: 1 mL

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

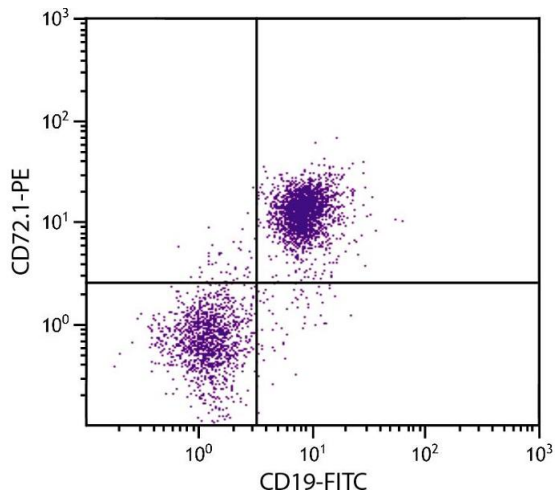
Buffer: The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added.

Preservative: Without preservative

Handling Advice: **Do not freeze!**
Protect conjugated products from light.
Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C

Storage Comment: Store at 2-8°C



Flow Cytometry

Image 1. DBA/2 mouse splenocytes were stained with Mouse Anti-Mouse CD72.1-PE.