

ARG20950 anti-CD72 antibody [10.1.D2] (PE)

Package: 50 µg
Store at: 4°C

Summary

Product Description	PE-conjugated Mouse Monoclonal antibody [10.1.D2] recognizes CD72
Tested Reactivity	Ms
Tested Application	BL, Cell-Act , FACS
Specificity	Mouse CD72.1. The clone 10.1.D2 blocks binding of CD5 to CD72 on the B cell surface which leads to inhibition of the positive signal resulting from CD5/CD72 pairing. However, 10.1.D2 can itself trigger a positive signal by binding CD72.
Host	Mouse
Clonality	Monoclonal
Clone	10.1.D2
Isotype	IgG2b, kappa
Target Name	CD72
Species	Mouse
Immunogen	DBA/2 mouse spleen cells
Conjugation	PE
Alternate Names	CD antigen CD72; LYB2; B-cell differentiation antigen CD72; Lyb-2; CD72b

Application Instructions

Application table	Application	Dilution
	BL	Assay-dependent
	Cell-Act	Assay-dependent
	FACS	< 0.2 µg/10 ⁶ cells
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

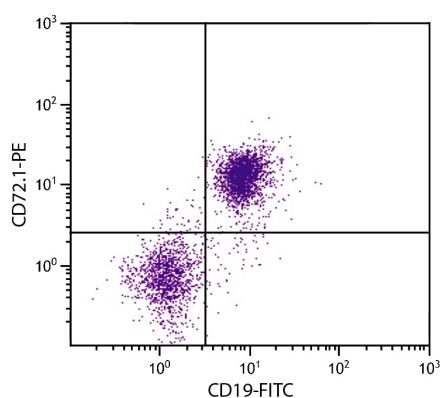
Properties

Form	Liquid
Buffer	PBS, 0.1% Sodium azide and Sucrose.
Preservative	0.1% Sodium azide
Stabilizer	Sucrose
Concentration	0.1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Database links	GeneID: 12517 Mouse Swiss-port # P21855 Mouse
Gene Symbol	CD72
Gene Full Name	CD72 antigen
Function	Plays a role in B-cell proliferation and differentiation. [UniProt]
Calculated Mw	40 kDa
PTM	Phosphorylated upon engagement of the B-cell receptor, probably by LYN or SYK. Phosphorylation at Tyr-7 is important for interaction with PTPN6/SHP-1 (By similarity).

Images



ARG20950 anti-CD72 antibody [10.1.D2] (PE) FACS image

Flow Cytometry: DBA/2 Mouse splenocytes stained with ARG20950 anti-CD72 antibody [10.1.D2] (PE) and anti-CD19 antibody [6D5] (FITC).