

Lyb-2.1 Monoclonal Antibody (CT-72.1), FITC

Catalog NumberMA5-17928

Product data sheet

Details	
Size	300 µg
Host/Isotope	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	CT-72.1
Immunogen	Mouse CD72.1
Conjugate	FITC
Form	Liquid
Concentration	0.1 mg/mL
Purification	Protein G
Storage buffer	PBS with 4-5mg/mL BSA
Contains	0.02% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Store in the dark.

Species Reactivity	
Species reactivity	Mouse
Tested Applications	Dilution *
Flow Cytometry (Flow)	0.25 µg/1x10^6 cells
* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	

Background/Target Information

CD72.1 (Lyb-2.1), a type II integral membrane glycoprotein and a member of the C-lectin family 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 which is distributed on all T cells and a small number of B cells. The 10.1.D2 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. However, 10.1.D2 can itself trigger a positive signal by binding CD72.

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