

ARG20947 anti-CD72 antibody [10.1.D2]

Package: 250 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [10.1.D2] recognizes CD72
Tested Reactivity	Ms
Tested Application	BL, Cell-Act , FACS, IP
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	Un-conjugated
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	Assay-dependent
	IP	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Buffer	BBS (pH 8.2)
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other 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).