

Datasheet for ABIN7566559 **anti-CD72 antibody (FITC)**



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Overview

Quantity:	100 tests
Target:	CD72
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD72 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	FITC Anti-Human CD72 Antibody[3F3]
Clone:	3F3
Isotype:	IgG2b, kappa

Target Details

Target:	CD72
Alternative Name:	CD72 (CD72 Products)
Background:	Lyb-2, Ly-19.2, Ly-32.2, CD72 is a 39-43 kD type II membrane glycoprotein. It is a disulfide-linked homodimer belonging to C-type lectin family. CD72 is a pan-B cell marker expressed on pre-pre-B cells throughout B cell differentiation with the exception of plasma cells. It is also expressed on follicular dendritic cells, splenic red pulp macrophages (but not on peripheral blood monocytes), and liver Kupffer cells. CD72, a negative coreceptor of B cells, contains

Target Details

immunoreceptor tyrosine-based inhibitory motifs in the cytoplasmic domain which has been shown to recruit the tyrosine phosphatase SHP-1. Ligation of CD72 with its ligand regulates CD72 tyrosine dephosphorylation and SHP-1 dissociation to promote B cell activation and proliferation. CD100 and CD5 have been shown to be CD72 ligands. The CD100-CD72 interaction plays a role in maintenance of B cell homeostasis.

Gene ID: 971

UniProt: [P21854](#)

Pathways: [BCR Signaling](#)

Application Details

Application Notes: Each lot of this antibody is quality control tested by flow cytometric analysis. Applications vary, the appropriate dilutions must be determined for individual use.

FCM: 5 µL/test

Comment: Matching Isotype Control: (ABIN7469794)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09 % stabilizer and 1 % protein protectant.

Storage: 4 °C

Storage Comment: This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

Expiry Date: 12 months