



Datasheet for ABIN5691103

anti-ICAM-3/CD50 antibody (Domain 1, Domain 2)



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1 Image

Overview

Quantity:	0.1 mg
Target:	ICAM-3/CD50 (ICAM3)
Binding Specificity:	Domain 1, Domain 2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ICAM-3/CD50 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	JA4 is a mouse monoclonal IgG1/k antibody derived by fusion of mouse Ag8.653 cells with spleen cells from a BALB/c mouse immunized with an ICAM-3/HEK transfectant.
Clone:	JA4
Isotype:	IgG1 kappa
Specificity:	JA4 recognizes a linear epitope in domains 1 and 2 of ICAM-3.

Target Details

Target:	ICAM-3/CD50 (ICAM3)
Alternative Name:	ICAM-3 (ICAM3 Products)

Target Details

Background: Intercellular adhesion molecule 3 (ICAM3) also known as CD50 (Cluster of Differentiation 50), is a type I transmembrane glycoprotein, which normally contain 2-9 immunoglobulin-like C2-type domains, and binds to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. ICAM-3 has previously been implicated in apoptotic cell clearance, although its precise role in the clearance process is ill defined.

Application Details

Application Notes: JA4 is suitable for immunoblotting, immunocytochemistry, immunohistochemistry on frozen tissues and flow cytometry. Optimal antibody dilution should be determined by titration, recommended range is 1:100 - 1:200 for flow cytometry, and for immunohistochemistry with avidin-biotinylated horseradish peroxidase complex (ABC) as detection reagent, and 1:100 - 1:1000 for immunoblotting applications.

Restrictions: For Research Use only

Handling

Buffer: Each vial contains 100 µL 1 mg/mL purified monoclonal antibody in PBS containing 0.09 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C, or in small aliquots at -20°C.

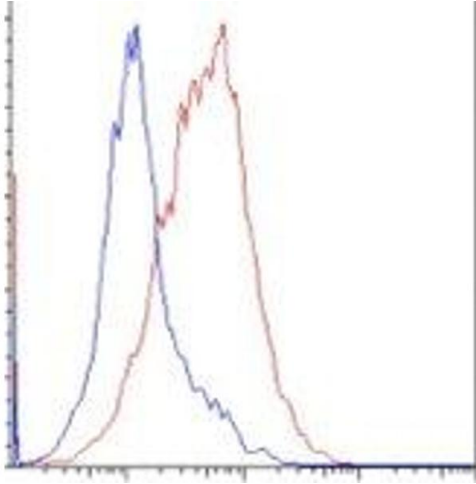


Image 1. Jurkat T cells that expressed high or low levels