

Datasheet for ABIN6939686 **anti-ICAM-3/CD50 antibody**



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Overview

Quantity:	100 µg
Target:	ICAM-3/CD50 (ICAM3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ICAM-3/CD50 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Binding Studies (Bind)

Product Details

Immunogen:	Stimulated human leukocytes
Clone:	CG106
Isotype:	IgG2a kappa
Specificity:	Recognizes the D1 domain of an N-glycosylated glycoprotein of 120 kDa with intra-chain disulfide bonds, identified as CD50 or ICAM-3 (Leucocyte Workshop VI). CD50 is the major ligand for LFA-1 (CD11a/CD18) and may have signaling role to increase adhesion. It is expressed on thymocytes and T lymphocytes and is resistant to treatment with phosphatidylinositol (PI) phospholipase C. This MAb is excellent for staining of formalin/paraffin tissues.
Purification:	Purified by Protein A/G

Target Details

Target: ICAM-3/CD50 (ICAM3)

Alternative Name: ICAM3 ([ICAM3 Products](#))

Molecular Weight: 110-160kDa

Gene ID: 3385

UniProt: [P32942](#)

Application Details

Application Notes: Positive Control: HL-60 or THP-1 cells. Lymph node and tonsil.
Known Application: Blocks binding of CD11a (LFA-1) to CD50 (ICAM-3) (Order Ab without Azide), Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

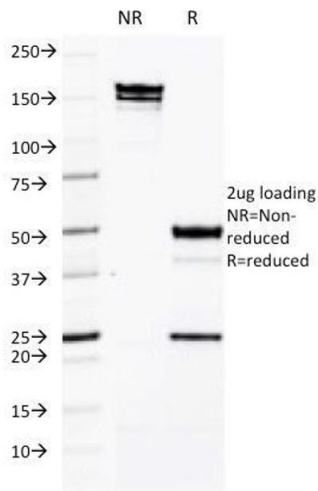
Preservative: Sodium azide

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

Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CD50 Mouse Monoclonal Antibody (CG106). Confirmation of Purity and Integrity of Antibody.