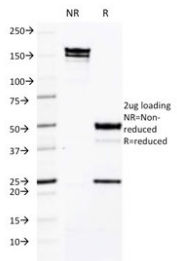
CD50 Antibody CG106 / ICAM-3 [clone CG106] (V7853)

Catalog No.	Formulation	Size
V7853-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7853-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7853SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	CG106
Purity	Protein G affinity chromatography
UniProt	P32942
Localization	Cell surface
Applications	Blocks binding of CD11a/LFA-1 to CD50/ICAM-3 (order BSA/azide-free format) Flow cytometry: 1-2ug/10^6 cells in 0.1ml Immunofluorescence: 1-2ug/ml
Limitations	This CD50 Antibody CG106 is available for research use only.



CD50 Antibody CG106 Gel Run. SDS-PAGE analysis of purified, BSA-free CD50 antibody (clone CG106) as confirmation of integrity and purity.

Description

CD50 Antibody CG106 recognizes the D1 domain of an N-glycosylated glycoprotein of 120kDa 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.

For a recombinant monoclonal option with additional validation data, see our CD50 Antibody rICAM3/1019 / LFA-1 Ligand CD50 Antibody page.

Application Notes

Optimal dilution of the CD50 Antibody CG106 should be determined by the researcher.

Immunogen

Stimulated human leukocytes were used as the immunogen for the CD50 Antibody CG106.

Storage

Store the CD50 Antibody CG106 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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