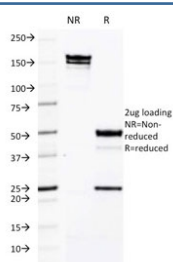


## CD50 Antibody / ICAM-3 [clone CG106] (V7853)

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](#)

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



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

## Description

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.

## Application Notes

Optimal dilution of the CD50 antibody should be determined by the researcher.

## Immunogen

Stimulated human leukocytes were used as the immunogen for the CD50 antibody.

## Storage

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