CD70 Antibody [clone TNFS7/1026] (V3034)

Catalog No.	Formulation	Size
V3034-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3034-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3034SAF-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 IgG1, kappa
Clone Name	TNFS7/1026
Purity	Protein G affinity chromatography
UniProt	P32970
Localization	Cell surface
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) : Functional Studies (order BSA/sodium Azide-free Format) : Flow Cytometry : 1-2ug/10^6 cells Immunofluorescence : 1-2ug/ml
Limitations	This CD70 antibody is available for research use only.

Description

It recognizes a protein of 30kDa, identified as CD70. It is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T- and B-lymphocytes. It induces proliferation of co-stimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.

Application Notes

The concentration stated for each application is a general starting point. Optimal dilution of the CD70 antibody should be determined by the researcher.

Immunogen

Recombinant human protein was used as the immunogen for the CD70 antibody.

Storage

Store the CD70 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).