

CD70 Antibody [clone BU69] (V3033)

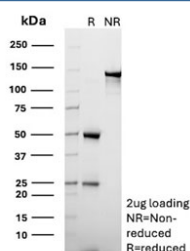
Catalog No.	Formulation	Size
V3033-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3033-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3033SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug



Citations (11)

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	BU69
Purity	Protein G affinity chromatography
UniProt	P32970
Localization	Cell surface
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-3ug/ml Immunohistochemistry : 1-2ug/ml for 30 min at RT
Limitations	This CD70 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free CD70 antibody (clone BU69) as confirmation of integrity and purity.

Description

CD70 belongs to the tumor necrosis factor (TNF) ligand family. It is a cytokine that binds to CD27. Plays a role in T-cell activation. Induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells.

Application Notes

Optimal dilution of the CD70 antibody should be determined by the researcher.

1. This mAb blocks the interaction between CD27 and CD70, and has been shown to inhibit T cell proliferation induced by dendritic cells.

Immunogen

The human WM-1 (Waldenstrom s macroglobulinemia) cell line 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).