

Product Datasheet

CD70 Antibody (orb749922)

Description

CD70 belongs to the tumor necrosis factor (TNF)

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Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested

ELISA, FACS, IF, IHC-Fr, IP, NeA

Applications

Immunogen

The human WM-1 (Waldenstrom s macroglobulinemia) cell line was used as the immunogen for the CD70 antibody.

Preservatives

0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide

Storage

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

Note

For research use only

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.

Formula

0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

Isotype

Mouse IgG1, kappa

Clonality

Monoclonal

Purity

Protein G affinity chromatography

Uniprot ID

P32970

Hazard

Information

This CD70 antibody is available for research use only.

Dilution Range

ELISA (order BSA/sodium azide-free format for coating),Inhibits T cell proliferation induced by dendritic cells (order BSA/sodium azide-free format),Flow cytometry: 1-2ug/million cells,Immunofluorescence: 1-2ug/ml,Immunoprecipitation: 1-2ug/500ug protein lysate,Immunohistochemistry (Frozen): 0.5-1ug/ml for 30 min at RT

Expiration Date

12 months from date of receipt.

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