

CD70 (ZR469)

Rabbit monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant fragment corresponding to the C-terminus of human CD70 protein
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: CD70 (ZR469) Rabbit monoclonal primary antibody detects CD70 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain CD70 protein.

Localization: Membrane.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

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 the 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 regulate B-cell activation, the cytotoxic function of natural killer cells, and immunoglobulin synthesis.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Hashima, et al: Am J Surg Pathol. 2000;24(5):742-6.
2. Nilsson MB, et al: Cancer Cell. 2023;13;41(2):340-355
3. Fathi AT: Lancet Haematol. 2023;10(11):e868-e870



Z2829RL-R/ Z2829RS-R/ Z2829RT-R/ Z2829RP-R (1.0ml Concentrate/0.5ml Con./0.1ml Con./7ml Pre-dil)



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(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)