

For Research Use Only

# Anti-Human CD70 Rabbit Recombinant Antibody

Catalog Number: 98098-1-RR



## Basic Information

**Catalog Number:**

98098-1-RR

**Size:**

100ug , 1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC000725

**GeneID (NCBI):**

970

**UNIPROT ID:**

P32970

**Full Name:**

CD70 molecule

**Calculated MW:**

21 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

241325D8

## Applications

**Tested Applications:**

FC

**Species Specificity:**

human

## Background Information

CD70 is the membrane-bound ligand of the CD27 receptor, which belongs to the tumor necrosis factor receptor superfamily. CD70 is not expressed in non-lymphoid normal tissue but is overexpressed in tumor cells of various solid cancers, diffuse large B-cell and follicular lymphoma and the malignant cells of Hodgkin lymphoma, Waldenström macroglobulinemia, and multiple myeloma (PMID: 28651374, 20699361 ). CD70/CD27 interactions play an important role in providing co-stimulation during the development of functional lymphocytes; strict control of CD70 expression is required for optimal signaling for immune cell activation (PMID: 21304103).

## Storage

**Storage:**

Store at 2 - 8°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.09% sodium azide

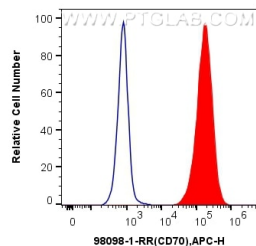
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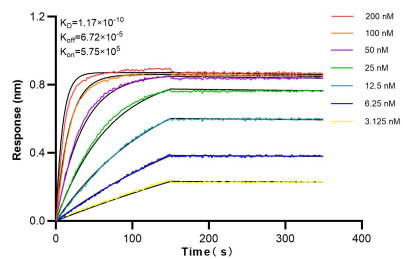
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## Selected Validation Data



1x10<sup>6</sup> U266 cells were stained with 0.25 ug Anti-Human CD70 Rabbit Recombinant Antibody (98098-1-RR, Clone:241325D8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98098-1-RR against Human CD70 were performed. The affinity constant is 0.117 nM.