

## Mouse anti-Human CD70 Monoclonal Antibody | anti-CD70 antibody

Anti-Hu CD70 Purified

|                               |                      |                            |                                                         |
|-------------------------------|----------------------|----------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA128646</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay</b> |
|-------------------------------|----------------------|----------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

CD70; Monoclonal Antibody; Anti-Hu CD70 Purified; CD70 molecule; CD27L; TNFSF7; CD27 ligand; TNLG8A; anti-CD70 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                     |
| Reactivity                                     | Human                                                                                                                                                                                                     |
| Clonality                                      | Monoclonal                                                                                                                                                                                                |
| Isotype                                        | IgG3 kappa                                                                                                                                                                                                |
| Clone Number                                   | Ki-24                                                                                                                                                                                                     |
| Specificity                                    | The mouse monoclonal antibody Ki-24 recognizes an extracellular epitope of CD70, an approximately 50 kDa type II transmembrane glycoprotein expressed on activated lymphocytes and some B cell leukemias. |
| Purity/Purification                            | Purified by Protein-A Affinity Chromatography                                                                                                                                                             |
| Form/Format                                    | Phosphate buffered saline (PBS) solution with 15 mM sodium azide                                                                                                                                          |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                                   |
| Sequence Length                                | 193                                                                                                                                                                                                       |
| Applicable Applications for anti-CD70 antibody | FCM/FACS (Flow Cytometry)                                                                                                                                                                                 |
| Preparation and Storage                        | Store at 2-8 degree C.                                                                                                                                                                                    |

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD70 antibody | CD70, also known as TNFSF7 or CD27L, is a 50 kDa type II transmembrane glycoprotein of the TNF superfamily. It is expressed mainly on activated lymphocytes, including NK cells, and forms trimeric structure. CD70 plays a role in T-cell activation, proliferation and differentiation, in enhancing the generation of cytolytic T cells, and in long-term maintenance of T cell memory. It is also involved in B cell differentiation induced by activated plasmacytoid dendritic cells, which also express CD70. |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                           |                             |
|---------------------------|-----------------------------|
| NCBI GI #                 | <a href="#">4507605</a>     |
| NCBI GeneID               | <a href="#">970</a>         |
| NCBI Accession #          | <a href="#">NP_001243.1</a> |
| NCBI GenBank Nucleotide # | <a href="#">NP_001243.1</a> |
| UniProt Accession #       | <a href="#">P32970</a>      |
| NCBI Official Full Name   | CD70 antigen isoform 1      |

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI Official Synonym Full Names | CD70 molecule                                |
| NCBI Official Symbol             | CD70                                         |
| NCBI Official Synonym Symbols    | CD27L; LPFS3; CD27-L; CD27LG; TNFSF7; TNLG8A |
| NCBI Protein Information         | CD70 antigen                                 |
| UniProt Protein Name             | CD70 antigen                                 |
| UniProt Gene Name                | <b>CD70</b>                                  |
| UniProt Synonym Gene Names       | CD27L; CD27LG; TNFSF7; CD27-L                |
| UniProt Entry Name               | CD70_HUMAN                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/monoclonal/cd70-antibody-clone-ki-24-flow-cytometry-elisa/128646>