

Product datasheet for AM26803PU-N

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OriGene Technologies, Inc.

CD70 Mouse Monoclonal Antibody [Clone ID: Ki-24]

Product data:

Product Type: Primary Antibodies

Clone Name: Ki-24
Applications: FC

Recommended Dilution: Flow cytometry.

Reactivity: Human
Host: Mouse
Isotype: IgG3

Clonality: Monoclonal

Specificity: This antibody recognizes CD70, an approximately 50 kDa type II transmembrane glycoprotein

expressed on activated lymphocytes and some B cell leukemias.

Formulation: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4

State: Purified

State: Liquid Ig fraction

Concentration: lot specific

Purification: Protein-A affinity chromatography (> 95% pure by SDS-PAGE)

Conjugation: Unconjugated

Storage: Store undiluted at 2-8°C.

DO NOT FREEZE!

Stability: Shelf life: one year from despatch.

Gene Name: CD70 molecule

Database Link: Entrez Gene 970 Human

P32970

Background: CD70, also known as TNFSF7 or CD27L, is a 50 kDa type II transmembrane glycoprotein of the

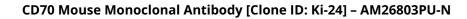
TNF superfamily. It is expressed mainly on activated lymphocytes, including NK cells, and

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.







Synonyms: CD27 ligand, CD27L, CD27LG, TNFSF7