

Anti-CD70 [BU69] Standard Size Ab00818-1.1

Developed in partnership with Ximbio (www.ximbio.com).

Isotype and Format: Mouse IgG1, Kappa

Clone Number: BU69

Alternative Name(s) of Target: TNFRS7; Tumor Necrosis Factor Ligand Superfamily Member 7; CD27 Ligand; CD27LG; TNFSF7; CD27L; Tumor Necrosis Factor Ligand 8A; Surface Antigen CD70; Ki-24 Antigen; CD70 Antigen; TNLG8A; TAN1-7; TAN17

UniProt Accession Number of Target Protein: P32970

Published Application(s): FACS, IP, IHC

Published Species Reactivity: Human

Immunogen: Murine antibodies were produced by immunising BALB/c mice using the Waldenstrom's macroglobulinaemia cell line WM-1. Hybridomas were generated by fusion of immunised cells with the myeloma cell line P3/NS1/1-Ag4.1 via established methods.

Specificity: This antibody binds human CD70, which is the CD27 ligand. This protein is present only on activated dendritic cells and T lymphocytes, and represents a therapeutic target of relevance for autoimmune diseases.

Application Notes: BU69 has been used for FACS and immunocytochemistry analysis of the cell-surface expression levels of CD70 in renal cell carcinomas (Adam et al, 2006). It was shown in this study that cell-surface binding of BU69 to CD70 caused rapid internalisation of the cell-surface glycoprotein.

Antibody First Published in: Edited by Schlossman et al. Leukocyte typing V: White cell differentiation antigens Oxford [PMID:](#)

Note on publication: Describes the repertoire of leukocyte differentiation antigens (i.e. Clusters of Differentiation, and other such cell-surface molecules), specifically using a panel of mAbs to then facilitate characterisation of distinct cell types based on their antibody reactivity patterns.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.