

Anti-CD70 [TAN 1-7] Standard Size Ab00816-2.0

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

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, Kappa

Clone Number: TAN 1-7

Alternative Name(s) of Target: TNFRSF7; 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: Q05A52

Published Application(s): Block, ELISA, FC, IF

Published Species Reactivity: Mouse

Immunogen: Recombinant mouse CD70 (extracellular domain, aa residues 41-195).

Specificity: This antibody binds to mouse CD70.

Application Notes: This antibody can be used to detect mouse CD70, the ligand for CD27. The original rat IgG1 format has been used in vivo to inhibit CD70-CD27 mediated induction of interferon gamma following injection of glycolipid activators .

Antibody First Published in: Arora et al. A single subset of dendritic cells controls the cytokine bias of natural killer T cell responses to diverse glycolipid antigens. Immunity. 2014 Jan 16;40(1):105-16

[PMID:24412610](#)

Note on publication: Describes the generation and initial characterisation of this antibody and its use in vivo.

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.