

Anti-Mouse CD70 [TAN1-7] In Vivo Antibody - Ultra Low Endotoxin

Product Information

Product SKU:

IVMB0373

Size:

1mg, 5mg, 25mg, 50mg, 100mg

Concentration:

> 5.0 mg/ml

Isotype:

IgG2a k

Host:

Mouse

Clone:

TAN1-7

Category:

Monoclonal Antibody

Reactivity:

Mouse

Synonyms:

CD27 Ligand, TNFSF7, Tumor Necrosis Factor Ligand 8A, CD27L, CD70 Antigen, CD27LG, Surface Antigen CD70, CD70 Molecule, Ki-24 Antigen; CD70 Antigen; TNLG8A

Specificity:

Clone TAN1-7 monoclonal antibody recognizes a direct epitope on mouse CD70 and capable of blocking the CD70-CD27 interaction involved in B and T cell activation.

Formulation:

This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or



preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Endotoxin Level:

≤ 0.5 EU/mg as determined by the LAL method

Purity:

>98% monomer by analytical SEC · >95% by SDS Page

Immunogen:

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

Storage and Stability:

Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Product Preparation:

Functional grade preclinical antibodies are manufactured in an animal free facility using in vitro cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

Applications

B, ELISA, FA, FC, IF, In Vivo

Applications & Recommended Usage:

B, ELISA, FA, FC, IF, In Vivo