

Anti-Mouse TCR V gamma 2 In Vivo Antibody - Low Endotoxin

Product Information

Product SKU:

IVMB0074

Size:

1mg, 5mg, 25mg, 100mg

Concentration:

≥ 5.0 mg/ml

Isotype:

Armenian Hamster IgG

Host:

Armenian Hamster

Clone:

UC3-10A6

Category:

Monoclonal Antibody

Reactivity:

Mouse

Synonyms:

Vγ2 T-cell receptor, T cell receptor gamma 2

Specificity:

This antibody reacts with Vγ 2 T-Cell Receptor (TCR)-bearing T lymphocytes.

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.

Endotoxin Level:

< 1.0 EU/mg as determined by the LAL method

Purity:

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

Immunogen:

Storage and Stability:

This antibody is stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

Product Preparation:

Functional grade preclinical antibodies are manufactured in an animal free facility using only In vitro protein free 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

Depletion, FC, IP

Applications & Recommended Usage:

FC: It is recommended to use the indirect method for signal enhancement when enumerating cells expressing TCR. A suggested method would be to stain cells expressing TCR with Anti-Mouse TCR at ≤1.0 µg per 1.0 X 10⁶ cells in a 100 µl total staining volume, followed by Goat-anti-Hamster IgG (PN:A237). Each lot of this antibody is quality control tested.