

# Anti-Mouse V $\gamma$ 2 TCR In Vivo Antibody - Ultra Low Endotoxin

## Product Information

**Product SKU:**

IVMB0075

**Size:**

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

**Concentration:**

$\geq 5.0$  mg/ml

**Isotype:**

Armenian Hamster IgG

**Host:**

Armenian Hamster

**Clone:**

UC3-10A6

**Category:**

Monoclonal Antibody

**Reactivity:**

Mouse

**Synonyms:**

V $\gamma$ 2 T-cell receptor, T cell receptor gamma 2

**Specificity:**

Armenian Hamster Anti-Mouse V $\gamma$ 2 TCR recognizes an epitope on Mouse V $\gamma$ 2 TCR. This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype. This antibody was also pathogen tested and third-party certified by IDEXX BioResearch to meet the lowest mycoplasma specification and free of any viral pathogens of concern.

**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:**

<0.5 EU/mg as determined by the LAL method

**Purity:**

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

**Immunogen:**

G8 mouse T cells

**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 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:**

Flow Cytometry: 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 10<sup>6</sup> cells in a 100 µl total staining volume, followed by Goat PN:A237.