

Anti-Mouse Vgamma2 TCR In Vivo Antibody - Ultra Low Endotoxin

IVMB0075

Description

This Anti-Mouse Vgamma2 TCR In Vivo Antibody - Ultra Low Endotoxin is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

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| SKU: | IVMB0075 |
| Contents: | 1mg, 5mg, 25mg, 50mg, 100mg Bradford Reagent: 1 vial (2ml) |
| Synonyms: | Vγ2 T-cell receptor, T cell Receptor gamma 2 |
| Category: | Monoclonal Antibody |
| Target: | Vγ2 TCR |
| Clone: | UC3-10A6 |
| Isotype: | IgG |
| Applications: | Depletion FC In Vivo IP |
| Specificity: | Armenian Hamster Anti-Mouse Vγ2 TCR recognizes an epitope on Mouse Vγ2 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. |

Antibody Data

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| Reactivity: | Mouse |
| Host species: | Armenian Hamster |

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

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| Expression Host: | - |
| Immunogen: | G8 Mouse T cells |
| Product concentration: | ≥ 5.0 mg/ml |
| Endotoxin Level: | <0.5 EU/mg as determined by the LAL method |
| Purity: | ≥98% Monomer by analytical SEC, >95% by SDS Page |
| 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. |

Preparation & Storage

Storage: 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 ≤ -70°C. Avoid Repeated Freeze Thaw Cycles.
Store Bradford Reagent at Room Temperature for 1 Year.

Shipping: Next Day 2-8°C

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.

Recommended Dilution Buffer: In vivo Antibody Diluent pH 7.2

| Recommended Usage: | Application | 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 ⁶ cells in a 100 µl total staining volume, followed by Goat PN:A237. |

**Protein
Quantification
(Optional):**

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol