

## Anti-Mouse CD28 In Vivo Antibody - Low Endotoxin

### Product Information

**Product SKU:**

IVMB0056

**Size:**

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

**Concentration:**

≥ 5.0 mg/ml

**Isotype:**

Syrian Hamster IgG

**Host:**

Syrian Hamster

**Clone:**

37.51

**Category:**

Monoclonal Antibody

**Reactivity:**

Mouse

**Synonyms:**

MGC138290, Tp44, T44

**Specificity:**

Clone 37.51 recognizes an epitope on mouse CD28.

**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:**

C57BL/6 mouse T-cell lymphoma EL-4

**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**

B, Costim, CyTOF®, FC, IHC FF, IP, WB

**Applications & Recommended Usage:**

FC The suggested concentration for this 37.51 antibody for staining cells in flow cytometry is ≤ 1.0 µg per 10<sup>6</sup> cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.