

## Anti-Mouse/Human CD44 [IM7] In Vivo Antibody - Ultra Low Endotoxin

### Product Information

**Product SKU:**

IVMB0079

**Size:**

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

**Concentration:**

≥ 5.0 mg/ml

**Isotype:**

Rat IgG2b

**Host:**

Rat

**Clone:**

IM7

**Category:**

Monoclonal Antibody

**Reactivity:**

Baboon, Chimpanzee, Rhesus, Bovine, Horse, Human, Mouse, Pig

**Synonyms:**

Pgp-1, Ly-24, H-CAM

**Specificity:**

Clone IM7 recognizes an epitope common to alloantigens and all isoforms of CD44 that is located between amino acids 145 and 186.

**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:**

Dexamethasone-induced myeloid leukemia M1 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**

CODEX®, CyTOF®, ELISA Det, FC, ICC, IHC FF, IHC FFPE, IP, WB

**Applications & Recommended Usage:**

FC The suggested concentration for this IM7 antibody for staining cells in flow cytometry is ≤ 0.25 µg per 10<sup>6</sup> cells in a volume of 100 µl or 100µl of whole blood. Titration of the reagent is recommended for optimal performance for each application.