

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

Product Information

Product SKU:

IVMB0078

Size:

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

Concentration:

≥ 5.0 mg/ml

Isotype:

Rat IgG2b κ

Host:

Rat

Clone:

IM7

Category:

Monoclonal Antibody

Reactivity:

Human, Mouse

Synonyms:

Hermes, Pgp-1, H-CAM, HUTCH-1, ECMR III, gp85, Ly-24

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:

< 1.0 EU/mg as determined by the LAL method

Purity:

≥95% 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 10⁶ cells in a volume of 100 µl or 100µl of whole blood. Titration of the reagent is recommended for optimal performance for each application.