

Anti-Mouse H-2Kd (MHC Class I) In Vivo Antibody - Low Endotoxin

Product Information

Product SKU:

IVMB0178

Size:

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

Concentration:

≥ 5.0 mg/ml

Isotype:

Mouse IgG1 κ

Host:

Mouse

Clone:

A4C8.1-Do9

Category:

Monoclonal Antibody

Reactivity:

Mouse

Synonyms:

Class I major histocompatibility antigen H-2Kd

Specificity:

Clone A4C8.1-Do9 recognizes an epitope on mouse MHC class I H-2K haplotype d.

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:

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

FC, WB

Applications & Recommended Usage:

FC The suggested concentration for clone A4C8.1-Do9 antibody for staining cells in flow cytometry is ≤ .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.