

Anti-Mouse MHC Class I (A4C8.1-Do9) In Vivo Antibody - Low Endotoxin

Product Code: ICH1097

Bulk anti-MHC Class I In Vivo Antibody - Low Endotoxin (A4C8.1-Do9)

Product Benefits:

ichorbio's anti-MHC Class I In Vivo Antibody - Low Endotoxin (A4C8.1-Do9) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from [Bio X Cell](#) at less than 1.0 EU/mg. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin (<0.5EU/mg) at an even higher purity (98% versus 95%). ichorbio: the best antibodies for *in vivo* research.

Target:

MHC Class I

Clone:

A4C8.1-Do9

Isotype:

Mouse IgG1

Other Names:

Class I H-2Kd

Host:

Mouse

Species Reactivity:

Mouse

Specificity:

Anti-MHC Class I In Vivo Antibody - Low Endotoxin (A4C8.1-Do9) recognizes an epitope on Mouse Class I H-2Kd

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Concentration:

1.0 - 5.0 mg/ml

Formulation:

0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

>98% by SDS-PAGE and HPLC

Endotoxin:

≤ 1.0 EU/mg as determined by the LAL method

≤ 0.75 EU/mg as determined by the LAL method

Aggregation:

Aggregation level $\leq 5\%$

Aggregation level $\leq 1\%$

Storage:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at - 20°C or -80°C. Avoid repeated freeze thaw cycles.

Applications:

Western Blot

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only.

Isotype Control:

[Mouse IgG1 Isotype Control for In Vivo - Low Endotoxin \[HKSP\] \(ICH2247\)](#)

Antibodies against the same target:

[Anti-MHC Class I In Vivo Antibody - Low Endotoxin \[W6/32\] \(ICH1023\)](#)