

Anti-Mouse MHC Class I H-2Kb (AF6-88.5) In Vivo Antibody - Low Endotoxin

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Product Benefits:

ichorbio's anti-Mouse MHC Class I (H-2Kb) In Vivo Antibody (AF6-88.5) - Low Endotoxin 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.

ichorbio: the best antibodies for *in vivo* research.

Target:

MHC Class I (H-2Kb)

Clone:

AF6-88.5

Size:

ichorbio's AF6-88.5 *in vivo* antibody is available in the following bulk sizes: 5mg, 25mg, 50mg and 100mg. ichorbio regularly manufactures multi-gram amounts of our anti-mouse MHC Class I (H-2Kb) AF6-88.5 clone - please contact us for pricing.

Isotype:

Mouse IgG2a kappa

Host:

Mouse

Species Reactivity:

Mouse

Specificity:

Clone AF6-88.5, Anti-Mouse H-2Kb, recognizes an epitope on mouse MHC class I H-2K haplotype b. AF6-88.5 does not cross-react with other H-2K haplotypes, including d, f, j, k, p, q, r, s, u, v.

Antigen Distribution:



The AF6-88.5 antibody reacts with H-2Kb MHC class I alloantigen and is ubiquitously expressed on nucleated cells from mice of the H-2Kb haplotype, including C57BL/6. H-2Kb is involved in antigen presentation to T cells expressing CD3/TCR and CD8 proteins.

Immunogen:

Mouse C57BL Splenocytes.

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

Endotoxin:

1.0 EU/mg as determined by the LAL method

Aggregation:

Aggregation level ? 5%

Storage:

Anti-Mouse MHC Class I (H-2Kb) In Vivo Antibody (AF6-88.5) is stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

Applications:

Functional Assays, Flow Cytometry, IHC Frozen, Immunoprecipitation

Application Notes:

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

Use:

Products are for research use only.