

Anti-Mouse H-2K (Y-3) In Vivo Antibody - Low Endotoxin

Product Code: ICH1142

Bulk anti-H-2K In Vivo Antibody - Low Endotoxin (Y-3)

Bio X Cell:

ICH1142 is [up to 37% cheaper](#) for industry customers than the equivalent product BE0172 from Bio X Cell.

Product Benefits:

ichorbio's anti-H-2K In Vivo Antibody - Low Endotoxin (Y-3) 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:

H-2K

Clone:

Y-3

Size:

ichorbio's Y-3 *in vivo* antibody is available in the following bulk sizes: 1mg, 5mg, 25mg, 50mg and 100mg ichorbio regularly manufactures multi-gram amounts of our anti-H2-K Y-3 clone - please contact us for pricing.

Isotype:

Mouse IgG2b

Other Names:

MHC Class 2

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-H-2K In Vivo Antibody - Low Endotoxin (Y-3) recognizes/react with the mouse H-2Kb, H-2Kk, H-2Kq, H-2Kr, H-2ks and not H-2Kd MHC class I alloantigens

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.

Antigen Distribution:

This Y-3 monoclonal antibody is reported to react with the mouse H-2Kb, H-2Kk, H-2Kq, H-2Kr, H-2ks and not H-2Kd MHC class I alloantigens.

Immunogen:

Con A stimulated spleen cells from BALB.B mice

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 ≤ 5%

Aggregation level ≤ 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, Functional Assays

Application Notes:

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

Use:

Products are for research use only.

Isotype Control:

[Mouse IgG2b Isotype Control for In Vivo - Low Endotoxin \[MPC-11\] \(ICH2250\)](#)