Anti-Mouse Ly-6C (HK1.4) In Vivo Antibody - Low Endotoxin

Bulk anti-Ly-6C In Vivo Antibody - Low Endotoxin (HK1.4)

Product Benefits:

ichorbio's anti-Ly-6C In Vivo Antibody - Low Endotoxin (HK1.4) 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:

Ly-6C

Clone:

HK1.4

Isotype:

Rat IgG2c

Other Names:

Lymphocyte antigen 6 complex, locus C

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-Ly-6C In Vivo Antibody - Low Endotoxin (HK1.4) recognizes an epitope on Mouse Ly-6C

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:

The antigen is found on some monocyte/macrophage populations, endothelial cells, thymocytes, NK-cells, T-cell subsets and 40% of bone marrow cells from all mouse strains tested. Clone HK1.4 does not block the binding of clone RB6-8C5

Immunogen:

L3 cloned CTL cells

Concentration:

0.5 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:

Immunoprecipitation, Western Blot

Application Notes:

Immunoprecipitation: 1–2 ?g per 100–500 ?g of total protein (1 ml of cell lysate). Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only.

Antibodies against the same target:

Anti-Ly-6G/Ly-6C In Vivo Antibody - Low Endotoxin [RB6-8C5] (ICH1131), Anti-Ly-6G/Ly-6C In Vivo Antibody - Ultra Low Endotoxin [RB6-8C5] (ICH1131UL), Anti-Ly-6C In Vivo Antibody - Low Endotoxin [7B10] (ICH1095), Anti-Ly-6G In Vivo Antibody - Low Endotoxin [1A8] (ICH1089), Anti-Ly-6G In Vivo Antibody - Ultra Low Endotoxin [1A8] (ICH1089UL)

Alternative Names:

- Ly 6c antibody
- Ly6c protein antibody
- Ly6c1 antibody
- Ly6c2 antibody
- Lymphocyte antigen 6 complex antibody
- Lymphocyte antigen 6 complex locus C antibody
- Lymphocyte antigen 6C antibody
- Lymphocyte antigen 6C1 antibody
- Lymphocyte antigen 6C2 antibody
- Lymphocyte antigen Ly 6C antibody