

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

**Product Code:** ICH1111

**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  $\leq$  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:**

Immunoprecipitation, Western Blot

**Application Notes:**

Immunoprecipitation: 1-2  $\mu$ g per 100-500  $\mu$ 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