

# Anti-Mouse LAG-3 (C9B7W) In Vivo Antibody - Low Endotoxin

Bulk anti-LAG-3 In Vivo Antibody - Low Endotoxin (C9B7W)

**Bio X Cell:**

ICH1078 is [up to 37% cheaper](#) for industry than the equivalent low endotoxin version from Bio X Cell (BE0174). ICH1078UL (ultra-low endotoxin) is up to 36% cheaper for industry than the same format from Bio X Cell (BP0174).

**Product Benefits:**

ichorbio's anti-LAG-3 In Vivo Antibody - Low Endotoxin (C9B7W) 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:**

LAG3

**Clone:**

C9B7W

**Size:**

ichorbio's C9B7W *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-LAG-3 C9B7W clone - please contact us for pricing.

**Isotype:**

Rat IgG1

**Other Names:**

Lymphocyte activation gene 3 protein, Aida, CD223

**Uniprot:**

[Q61790](#)

**Host:**

Rat

**Species Reactivity:**

Mouse, Rat

**Specificity:**

Anti-LAG-3 In Vivo Antibody - Low Endotoxin (C9B7W) recognizes an epitope on Mouse LAG-3

**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:**

T-cells and NK cells

**Background:**

LAG-3, also known as CD223, is 70 kD type I transmembrane glycoprotein within the Ig superfamily. CD223, like CD4, binds MHC class II molecules, but with higher affinity than CD4. Clone C9B7W antibody has been reported to block the function of murine LAG-3 in vivo and in vitro.

**Immunogen:**

Murine CD223-Ig fusion protein

**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%

## **IMPACT Pathogen Test:**

We use the IMPACT test generated by IDEXX Laboratories to guarantee our Ultra Low Endotoxin antibodies are pathogen free. Our rat antibodies are tested for: Mycoplasma spp Mycoplasma pulmonis Pneumonia virus of mice Kilham's rat virus Toolan's H1 virus Rat parvovirus Lymphocytic choriomeningitis virus Rat cytomegalovirus Sendai virus Rat coronavirus Sialodacryoadenitis virus Rat minute virus Seoul virus Mouse adenovirus Reovirus 3 Rat theilovirus

## **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, Blocking, Flow Cytometry, Immunoprecipitation, ELISA

## **Application Notes:**

Blocking: Clone C9B7W antibody blocks the function of murine LAG-3 in vivo. Each investigator should determine their own optimal working dilution for specific applications.

## **Use:**

Products are for research use only.

## **Isotype Control:**

[Rat IgG1 Isotype Control for In Vivo - Low Endotoxin \[GL113\] \(ICH2246\)](#)

## **Alternative Names:**

- CD223 antibody
- CD223 antigen antibody
- FDC protein antibody
- LAG-3 antibody
- Lag3 antibody
- Lymphocyte activating 3 antibody
- Lymphocyte activation gene 3 antibody
- Lymphocyte activation gene 3 protein antibody
- Protein FDC antibody