

# Anti-Mouse CD200 (OX-90) In Vivo Antibody - Low Endotoxin

Anti-Mouse CD200 In Vivo Antibody (OX-90)

## Product Benefits:

ichorbio's Anti-Mouse CD200 In Vivo Antibody (OX-90) - Low Endotoxin [ICH1195] 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:

CD200

## Clone:

OX-90

## Size:

ichorbio's OX-90 *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 CD200 OX-90 clone - please contact us for pricing.

## Isotype:

Rat IgG2a

## Other Names:

OX-2

## Host:

Rat

## Species Reactivity:

Mouse

## Specificity:

Clone OX-90 reacts with murine CD200 (OX-2).

## Antigen Distribution:

Thymocytes, neurons, B cells, splenic follicular dendritic cells and endothelium, and subsets of T cells and dendritic cells.

**Background:**

CD200 (OX-2) is an immune suppressor that regulates the of induction of cytokine production by conventional allostimulatory DC. CD200 limits pro-inflammatory signals and has been shown to play an important role in cancer and immune disorders.

**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 mouse antibodies are tested for: Mycoplasma spp., Mycoplasma pulmonis, Sendai virus, Mouse hepatitis virus, Pneumonia virus of mice, Minute virus of mice, Mouse parvovirus (MPV1-5), Theiler's murine encephalomyelitis virus, Murine norovirus, Reovirus 3, Mouse rotavirus, Ectromelia virus, Lymphocytic choriomeningitis virus, Polyoma virus, Lactate dehydrogenase-elevating virus, Mouse adenovirus (MAD1, MAD2), Mouse cytomegalovirus K virus, Mouse thymic virus, Hantaan virus, Corynebacterium bovis, Corynebacterium spp. (HAC2)

**Storage:**

Anti-Mouse CD200 In Vivo Antibody (OX-90) 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:**

Flow Cytometry, Immunohistochemistry

**Application Notes:** Each investigator should determine their own optimal working dilution for specific applications. **Use:**

Products are for research use only.

**Isotype Control:**

[Rat IgG2a In Vivo Isotype Control – Low Endotoxin \(1-1\)](#)