

# Anti-Mouse IL-21R (4A9) In Vivo Antibody - Low Endotoxin

Anti-Mouse IL-21R In Vivo Antibody (4A9) - Low Endotoxin

## Product Benefits:

ichorbio's anti-Mouse IL-21R In Vivo Antibody (4A9) - Low Endotoxin 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 (0.5 EU/mg) at an even higher purity (98% versus 95%).

ichorbio: the best antibodies for *in vivo* research.

## Target:

IL-21R

## Clone:

4A9

## Size:

ichorbio's 4A9 *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 IL-21R 4A9 clone - please contact us for pricing.

## Isotype:

Rat IgG2a

## Host:

Rat

## Species Reactivity:

Mouse

## Specificity:

Clone 4A9 activity is directed against murine Interleukin-21 Receptor (CD360).

**Antigen Distribution:**

IL-21R is expressed on most B cells as well as some T cells and NK cells.

**Immunogen:**

Rat YB2/0 hybridoma transfectant cell line expressing truncated IL-21R.

**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

? 0.5 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 IL-21R In Vivo Antibody (4A9) 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:**

Blocking, Flow Cytometry, Immunoprecipitation

**Application Notes:**

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

**Use:**

Products are for research use only.

**Alternative Names:**

- ALDC antibody
- ALDO C antibody
- aldoc antibody
- Aldolase 3 antibody
- Aldolase C Fructose bisphosphate antibody
- Brain type aldolase antibody
- Brain-type aldolase antibody
- Fructoaldolase C antibody
- Fructose 1 6 biphosphate triosephosphate lyase antibody
- Fructose bisphosphate aldolase C antibody
- Fructose-bisphosphate aldolase C antibody