

# Anti-Mouse CD317 (927) In Vivo Antibody - Low Endotoxin

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## Product Benefits:

ichorbio's anti-Mouse CD317 In Vivo Antibody (927) - 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:

CD317

## Clone:

927

## Size:

ichorbio's 927 *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 CD317 927 clone - please contact us for pricing.

## Isotype:

Rat IgG2a kappa

## Host:

Rat

## Species Reactivity:

Mouse

## Specificity:

Clone 927 activity is directed against murine CD317 (BST2; PDCA-1).

**Antigen Distribution:**

Murine CD317 is expressed by IFN-producing cells in naïve mouse spleen and by a wide variety of cell lines including T cells, mast cells, B cells, fibroblast cells, and pluripotent embryonal carcinoma cells. Additionally, mice challenged by influenza or other stimuli (CpG, LPS, murine CMV, poly(I:C), and imiquimod) express CD317 in DC and other myeloid cells as well as T cells, B cells, NKT cells, and some NK cells. CD317 is also expressed on CD138+ plasma cells in naïve mice and is upregulated by viral stimulation..

**Immunogen:**

Mouse plasmacytoid dendritic cells.

**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 CD317 In Vivo Antibody (927) 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:**

Depletion, Functional Assays, Flow Cytometry, Immunocytochemistry, Immunofluorescence Microscopy

**Application Notes:**

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

**Use:**

Products are for research use only.