

Anti-CD86 (GL1) In Vivo Antibody - Low Endotoxin

Product Code: ICH1038

Bulk anti-CD86 In Vivo Antibody - Low Endotoxin (GL1)

Bio X Cell:

ICH1038 is [up to 37% cheaper](#) for industry than the equivalent product BE0025 from Bio X Cell. **Product Benefits:**

ichorbio's anti-CD86 In Vivo Antibody - Low Endotoxin (GL1) 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:

CD86

Clone:

GL1

Size:

ichorbio's GL1 *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-CD86 GL1 clone - please contact us for pricing.

Isotype:

Rat IgG2a

Other Names:

ichor.bio // hello@ichor.bio

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Activation B7-2 antigen, Early T-cell costimulatory molecule 1, ETC-1

Uniprot:

[P42082](#)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD86 In Vivo Antibody - Low Endotoxin (GL1) recognizes an epitope on Mouse CD86

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:

B cells and T cells (upregulated upon activation), macrophages, dendritic cells, and astrocytes

Background:

CD86, also known as B7-2, is a type I transmembrane glycoprotein and a member of the Ig gene superfamily. CD86 is a ligand for CD28 and CD152 (CTLA-4). CD86 is related to the CD80 molecule and functions as a counterreceptor for CD28 and CTLA-4. The GL1 clone has been shown to provide critical signals for T-Cell-dependent responses in vivo and in vitro.

Immunogen:

LPS-activated CBA/Ca mouse splenic B cells

Concentration:

1.0 mg/ml

Formulation:

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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:

Flow Cytometry, Immunoprecipitation, IHC (Frozen), Immunocytochemistry, Blocking, Immunofluorescence, Western Blot, CyTOF

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 \[1-1\] \(ICH2244\)](#)

Alternative Names:

- Activation B7-2 antigen 3 antibody
- Activation B7-2 antigen antibody
- B-lymphocyte activation antigen B7-2 2 antibody
- B-lymphocyte activation antigen B7-2 antibody
- B7 2 antibody
- B7 antibody
- B7-2 antibody
- B7.2 antibody
- B70 antibody
- B72 antibody
- B72 antigen antibody
- BU63 antibody
- CD28 antigen ligand 2 2 antibody
- CD28 antigen ligand 2 antibody
- Cd28l2 antibody
- CD28LG2 antibody
- CD86 antibody
- CD86 antigen (CD28 antigen ligand 2 B7 2 antigen) antibody
- CD86 antigen (CD28 antigen ligand 2, B7-2 antigen) 1, 2 antibody
- CD86 antigen (CD28 antigen ligand 2, B7-2 antigen) antibody
- CD86 antigen antibody
- CD86 molecule antibody
- CLS1 antibody
- CTLA-4 counter-receptor B7.2 2 antibody
- CTLA-4 counter-receptor B7.2 2, 3 antibody
- CTLA-4 counter-receptor B7.2 antibody
- Early T-cell costimulatory molecule 1 antibody
- ETC-1 antibody
- FUN 1 antibody
- FUN-1 antibody
- FUN1 antibody
- LAB72 antibody
- Ly-58 antibody

- Ly58 antibody
- MB7 antibody
- MB7-2 antibody
- Membrane glycoprotein antibody
- MGC34413 antibody
- T lymphocyte activation antigen CD86 precursor antibody
- T-lymphocyte activation antigen CD86 antibody
- TS/A-2 antibody