Bulk Anti-Human PD-L2 (3.2) Antibody

Product Code: ICH1031

Bulk anti-human PD-L2 antibody (3.2)

Bio X Cell:

ICH1139 is up to 37% cheaper for industry than the equivalent product BE0112 from Bio X Cell.

Product Benefits:

ichorbio's anti-human PD-L2 antibody (3.2) 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:

PD-L2

Clone:

3.2

Isotype:

Mouse IgG1

Other Names:

Programmed cell death 1 ligand 2, Pdcd1lg2, PD-1 ligand 2, PD-L2, PDCD1 ligand 2, Programmed death ligand 2, Butyrophilin B7-DC, B7-DC, B7dc, Btdc, Pdl2

Uniprot:

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Q9WUL5

Host:

Mouse

Species Reactivity:

Human

Specificity:

Bulk anti-human PD-L2 antibody (3.2) recognizes an epitope on Mouse and Human PD-L2

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:

Dendritic cells, liver, few transformed cell lines, subset of macrophages

Background:

PD-L2, is also called programmed death ligand 2 (PDL2). This ligand is a 25 kD type I transmembrane protein and a member of B7 family within the immunoglobulin receptor superfamily and is expressed on a subset of dendritic cells, liver and a small subset of macrophages as well as a few transformed cell lines.

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

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>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%

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, Functional Assays, Blocking

Application Notes:

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

Use:

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Isotype Control:

Mouse IgG1 Isotype Control for In Vivo - Low Endotoxin [HKSP] (ICH2247)

Antibodies against the same target:

Anti-PD-L2 In Vivo Antibody - Low Endotoxin [TY25] (ICH1139)

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