Mouse Anti-Mouse PD-L1 (10F.9G2) Recombinant Antibody (LALAPG)

Mouse anti-mouse PD-L1 recombinant antibody (10F.9G2) LALAPG

Product Benefits:

This antibody is a recombinant version of ichorbio's bestselling 10F.9G2 clone. We have switched out the original rat constant region and converted it to a murine constant region, and added a LALAPG mutation to abolish Fc associated effector functions.

ichorbio's mouse anti-mouse PD-L1 antibody (10F.9G2) LALAPG is manufactured in a cGMP compliant facility. ichorbio: the best antibodies for *in vivo* research.

Target:

PD-L1

Clone:

10F.9G2

Size:

ichorbio's 10F.9G2 *in vivo* antibody is available in the following bulk sizes: 1mg, 5mg, 25mg, 50mg and 100mg.

Isotype:

Mouse IgG1

Other Names:

Programmed cell death 1 ligand 1, Cd274, PDCD1 ligand 1, Programmed death ligand 1, B7 homolog 1, B7-H1, B7h1, Pdcd1l1, Pdcd1lg1, Pdl1

Uniprot:

Q9EP73

Host:

HEK293 cells

Species Reactivity:

Mouse

Specificity:

Anti-mouse PD-L1 antibody (10F.9G2) recognizes an epitope on Mouse CD274

Purification Method:

This recombinant antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antigen Distribution:

The CD274 antigen is present on T cells, B cells, NK cells, dendritic cells, IFN-? activated endothelial cells, and monocytes

Background:

CD274, also known as B7-H1 and PD-L1, is a 40 kD type I transmembrane protein and a member of the B7 family within the immunoglobulin receptor superfamily. It is expressed on T cells, B cells, NK cells, dendritic cells, IFN-? activated endothelial cells, and monocytes.

Immunogen:

Unknown

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

Endotoxin:

1.0 EU/mg as determined by the LAL method

Aggregation:

Aggregation level ? 5%

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, Blocking, IHC (Frozen), Immunofluorescence, Functional Assays

Application Notes:

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

Use:

Products are for research use only.

Isotype Control:

Mouse IgG1 Isotype Control for In Vivo – Low Endotoxin (HKSP84) [ICH2248]

Alternative Names:

- B7 H antibody
- B7 H1 antibody
- B7 homolog 1 antibody
- B7-H1 antibody
- B7H antibody
- B7H1 antibody
- CD 274 antibody
- CD-274 antibody
- CD274 antibody
- CD274 antigen antibody
- CD274 molecule antibody
- MGC142294 antibody
- MGC142296 antibody
- OTTHUMP00000021029 antibody
- PD L1 antibody
- PD-L1 antibody
- PD1L1_antibody
- PDCD1 ligand 1 antibody
- PDCD1L1 antibody
- PDCD1LG1 antibody
- PDL 1 antibody
- PDL1 antibody
- Programmed cell death 1 ligand 1 antibody
- Programmed death ligand 1 antibody
- RGD1566211 antibody