Anti-mouse PD-L1 Monoclonal Antibody (Clone 10F.9G2.1)

Catalog No.: PA007164.m1 | **Isotype:** Mouse IgG1, kappa | **In Vivo Grade**

In Vivo Grade Recombinant Anti-mouse PD-L1 Mouse IgG1 Kappa Monoclonal Antibody (Clone 10F.9G2.1). Recombinant anti-mouse PD-L1 / B7-H1 monoclonal antibodies, which share the same variable region sequences with the rat anti-mouse PD-L1 monoclonal antibody (clone number: 10F.9G2), are produced from mammalian cells and good for in vitro and in vivo studies.

Product Specifications

Catalog No.	PA007164.m1
Product Name	In Vivo Grade Recombinant Anti-mouse PD-L1 Monoclonal Antibody (Clone 10F.9G2.1), Mouse IgG1 Kappa
Clone & Isotype	10F.9G2.1 | Mouse IgG1, kappa
Synonyms	Programmed Death Ligand 1, B7-H1, CD274, 10F.9G2
Applications	Immunohistochemistry (IHC), Flow Cytometry (FC), and various in vitro and in vivo functional assays.
Immunogen	The original rat hybridoma (clone name: 10F.9G2) was generated by immunizing rats with the mouse PD-L1 cDNA and mouse PD-L1 CHO transfectants.
Purity & Endotoxin	**>95%** by SDS-PAGE under reducing conditions | **< 1 EU/mg** (LAL method)
Formulation	0.2 μm filtered solution of 1x PBS.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 1 month from date of receipt, 2 to 8°C as supplied. 3 months from date of receipt, -20°C to -70°C as supplied. Shipped with ice pack.

Biological Description & Research Applications

The rat anti-mouse PD-L1 monoclonal antibody 10F.9G2 (rat IgG2b kappa) reacts with the mouse PD-L1 protein (programmed death ligand-1, B7-H1 or CD274), a member of the B7 family of the Ig superfamily. PD-1 has two ligands, PD-L1 and PD-L2. It has been shown that in mouse models of melanoma, tumor growth can be transiently arrested via treatment with the anti-mouse PD-1 and anti-mouse PD-L1 antibodies which block the interaction between the PD-L1 protein and its receptor PD-1 protein. The 10F.9G2 monoclonal antibody blocks the binding of the mouse PD-L1 protein to the mouse PD-1 protein. Our recombinant 10F.9G2 antibodies have a part (variable regions) or complete amino acid sequences of the rat anti-mouse PD-L1 monoclonal antibody (hybridoma clone name or number: 10F.9G2).

Ordering & Technical Support

For custom volume ordering or inquiries, please visit the product webpage or contact our support team:

- **Product Webpage:** https://www.ushelf.com/anti-mouse-pd-l1-monoclonal-antibody-pa007164-m1/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com