

Anti-mouse PD-L1 Monoclonal Antibody

Clone 10F.9G2.1 | Catalog No.: PA007164.m2b

Syd Labs / Ushelf

Description: In Vivo Grade Recombinant Anti-mouse PD-L1 Mouse IgG2b 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.m2b
Product Name	In Vivo Grade Recombinant Anti-mouse PD-L1 Monoclonal Antibody (Clone 10F.9G2.1), Mouse IgG2b Kappa
Supplier / Brand	Syd Labs, Inc. / Syd Labs
Synonyms	Programmed Death Ligand 1, B7-H1, CD274, 10F.9G2
Clone	10F.9G2.1 (same variable region sequences as rat anti-mouse 10F.9G2)
Isotype	Mouse IgG2b, kappa
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 mouse PD-L1 cDNA and mouse PD-L1 CHO transfectants.

Quality & Handling Parameters

Form Of Antibody	0.2 µM filtered solution of 1x PBS.
Endotoxin Level	Less than 1 EU/mg of protein as determined by LAL method.
Purity	>95% by SDS-PAGE under reducing conditions.
Shipping	Shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use 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.

Background & Mechanism

The Mouse IgG2b Kappa anti-mouse PD-L1 monoclonal antibody 10F.9G2 (mIgG2b 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. 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.

Ordering & Support

Order Offline: Phone: 1-617-401-8149 | Fax: 1-617-606-5022 | Email: message@sydlabs.com
Accepting formal purchase orders (PO) or credit cards.

