

Anti-mouse PD-L1 / VEGF-A Bispecific Antibody [10F.9G2.1 / B20-4.1.1.1] In Vivo - Low Endotoxin IVMS0012

Product Information

Description:	In Vivo Grade Recombinant Anti-mouse PD-L1 / VEGF-A Bispecific Antibody, Mouse IgG2c LALAPG Kappa (Clone 10F.9G2.1 / B20-4.1.1.1)
Antibody Size:	5 mg, 25 mg
Host:	CHO cells
Species Specificity:	Mouse
Background:	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. It is under investigation how the recombinant anti-mouse PD-L1 / VEGF-A bispecific antibodies (10F.9G2 / B20-4.1.1) behave different from the individual monoclonal antibodies and their combination. Our recombinant anti-mouse PD-L1 / VEGF-A bispecific antibodies have a part (variable regions) or complete amino acid sequences of the rat anti-mouse PD-L1 antibody (hybridoma clone name or number: 10F.9G2) and the mouse anti-mouse VEGF antibody (hybridoma clone name or number: B20-4.1.1).
Applications:	Immunohistochemistry (IHC), Flow Cytometry (FC), and various in vitro and in vivo functional assays.
Formulation:	0.2 µM filtered solution of 1x PBS.
Shipping:	The in vivo grade recombinant rat anti-mouse PD-L1 / VEGF-A bispecific antibodies are shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 3 month from date of receipt, 2 to 8°C as supplied. 12 months from date of receipt, -20°C to -70°C as supplied.
Usage:	Research Use Only (RUO)

Antibody Data

- Clone:** 10F.9G2.1, the same variable region sequences as the rat anti-mouse PD-L1 monoclonal antibody (clone number: 10F.9G2). B20-4.1.1.1, the same variable region sequences as the mouse anti-mouse VEGF monoclonal antibody (clone number: B20-4.1.1).
- Conjugation:** Unconjugated
- Isotype:** Mouse IgG2c, kappa.
- Purity:** >95% by SDS-PAGE under reducing conditions.
- Endotoxin Levels:** Less than 1 EU/mg of protein as determined by LAL method.