

Catalog# BP-50596

Anti-mouse PD-L1 / VEGF-A Bispecific Antibody, Mouse IgG2c LALAPG Kappa (Clone 10F.9G2.1 / G6-31)

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 / G6-31) behave different from the individual monoclonal antibodies and their combination.

This 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: G6-31).

| Product Details | |
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| Species Reactivity | Mouse |
| Source | Mammalian Cells |
| Isotype | Mouse IgG2c, kappa |
| Class | Bispecific Antibody |
| Type | Recombinant Antibody |
| Clone | 10F.9G2.1 / G6-31 |
| Target | PD-L1 / VEGF-A |
| Purity | >95% |
| Molecular Weight | N/A |
| Formulation | 1×PBS, pH7.4 |
| Storage conditions | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 3 months from date of receipt, 2 to 8°C as supplied. 12 months from date of receipt, -20°C to -70°C as supplied. |