Recombinant Anti-mouse PD-1 / VEGF-A Bispecific Antibody, Mouse IgG2c LALAPG Kappa (Clone RMP1-14.1 / B20-4.1.1.1)

Catalog No.: PA008014.m2cLA

Background

The rat anti-mouse PD-1 monoclonal antibody (clone No. RMP1-14, rat IgG2a kappa) reacts with the mouse PD-1 protein (CD279 or programmed death-1) encoded by the mouse pdcd1 gene, a member of the CD28 family of the Ig superfamily. PD-1 has two ligands, PD-L1 and PD-L2, both of which belong to the B7 family. It has been shown that in mouse models of melanoma, tumor growth can be transiently arrested via treatment with the anti-mouse PD 1 antibody and the anti-mouse PD L1 antibody which block the interaction between the PD-L1 protein and its receptor PD-1 protein. The RMP1-14 antibody blocks the binding of both the mouse PD-L1 protein and the mouse PD-L2 protein to the mouse PD-1 protein.

It is under investigation how the recombinant anti-mouse PD-1 / VEGF-A bispecific antibodies (RMP1-14.1 / B20-4.1.1.1) behave different from the individual monoclonal antibodies and their combination.

Our recombinant anti-mouse PD-1 / VEGF-A bispecific antibodies have a part (variable regions) or complete amino acid sequences of the rat anti-mouse PD-1 antibody (hybridoma clone name or number: RMP1-14) and the mouse anti-mouse VEGF-A antibody (hybridoma clone name or number: B20-4.1.1).

Source: The in vivo grade recombinant anti-mouse PD-1 / VEGF-A bispecific antibody (mouse IgG2c LALAPG Kappa) was produced in mammalian cells.
Clone: RMP1-14.1, the same variable region sequences as the rat anti-mouse PD-1 monoclonal antibody (clone number: RMP1-14). B20-4.1.1.1, the same variable region sequences as the mouse anti-mouse VEGF monoclonal antibody (clone number: B20-4.1.1).
Isotype: mouse IgG2c, kappa.
Applications: immunohistochemistry (IHC), Flow Cytometry (FC), and various in vitro and in vivo functional assays.
Form of Antibody: 0.2 μM filtered solution of 1x PBS.
Purity: >95% by SDS-PAGE under reducing conditions.
Endotoxin Level: Less than 1 EU/mg of protein as determined by LAL method.

Shipping: The in vivo grade recombinant rat anti-mouse PD-1 / 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 months from date of receipt, 2 to 8° C as supplied.
12 months from date of receipt, -20° C to -70° C as supplied.

Syd Labs 中文产品信息请访问多找找网站：
https://www.duozhaozhao.com/anti-mouse-pd-l-vegf-a-bispecific-antibody-pa008014-m2cla/