
Product Datasheet

PD-L1 antibody (orb1152461)

Description

Human monoclonal antibody to PD-L1

Species/Host

Human

Reactivity

Human, Monkey, Mouse

Conjugation

Unconjugated

Tested

Blocking, FC

Applications
Immunogen

The original parental antibody 332M1 was generated by immunizing BALB/c mice with recombinant human PD-L1. Later on the humanized version of 332M1 was generated (332M7) by grafting the CDRs of the original mouse antibody onto human framework regions.

Target

PD-L1

Preservatives

PBS with 0.02% Proclin 300.

Concentration

1 mg/ml

Storage

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Note

For research use only

Application notes

The binding characterization of this antibody towards human, mouse and cynomolgus monkey PD-L1 was done using flow cytometry. This antibody was shown to block the binding of hPD-1-Fc protein to hPD-L1 expressed on the surface of the HEK-293T cells at a concentration of 10 µg/ml. The mouse version of this antibody was reported to inhibit patient derived melanoma tumor in tumor-bearing mice. There was also found an increase in the gene expression of CD8 and IFN-γ in tumor samples from mice treated with mouse version of this antibody (US20180346571).

Isotype

IgG1

Clonality

Monoclonal

Purity

Purified

Uniprot ID
[Q9NZQ7](#)
Expiration Date

12 months from date of receipt.