

## Anti-Mouse PD-1 Mouse Monoclonal Antibody (LALAPG)

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Catalog	Unit
TBS10218-0.5	0.5 mg
TBS10218-1	1 mg
TBS10218-5	5 mg
TBS10218-25	25 mg

### Product Details

**Description:** Programmed cell death protein 1 (PD-1) is an immune checkpoint receptor expressed on the surface of immune cells, including T cells, B cells, and myeloid cells. It plays a crucial role in immune regulation by delivering inhibitory signals upon interaction with its ligands, PD-L1 and PD-L2, to reduce T cell activity and maintain immune homeostasis. This antibody also contains a LALAPG mutation in the Fc fragment rendering it unable to bind to endogenous Fc $\gamma$  receptors.

**Alternative names:** programmed cell death protein 1; PD-1; PD1; CD279; cluster of differentiation 279

#### **Applications:**

- in vivo blocking of PD-1/PD-L signaling

**Molecular Weight:** 150 kDa

**Host:** Mouse

**Isotype:** Mouse IgG2a Kappa

**Mutations:** L234A L235A P329G (LALAPG)

**Concentration:** 4 mg/ml

**Purity:** >95%

**Formulation:** PBS, pH 7.0, no stabilizers or preservatives.

**Endotoxin:** < 1EU/mg

**Clonality:** Monoclonal

**Sterility:** 0.2  $\mu$ m filtered

**Storage:** Stable at 4°C for one month. Store at -20°C for long-term storage.

**For research use only.**