

## Anti-Mouse PD-1(CD279) mAb

## 产品信息

产品名称	产品编号	规格
Anti-Mouse PD-1(CD279) mAb	31550ES60	100 µg
	31550ES80	1 mg

## 产品简介

Programmed Death-1 (PD-1) is type I transmembrane protein belonging to the CD28/CTLA-4 family of immunoreceptors that mediate signals for regulating immune responses). Two B7 family proteins, PD-L1 (also called B7-H1) and PD-L2, have been identified as PD-1 ligands. PD-1 is expressed on activated T cells, B cells, myeloid cells, and on a subset of thymocytes. PD-1 deficient mice have a defect in peripheral tolerance and spontaneously develop autoimmune diseases. Binding of PD-1 to PD-L1 or PD-L2 results in the inhibition of TCR-mediated proliferation and cytokine production as well as BCR-mediated signaling. PD-1 likely has an inhibitory role in regulating immune responses.

## 产品性质

同种型	Human IgG <sub>4</sub>
缓冲液	1x PBS pH 7.4
克隆类型	Monoclonal Antibody
表达系统	Eukaryotic 293F
分子量	145 kDa
物种反应	Mouse
消光系数	1.42
纯度	>97% as determined by SDS-PAGE; >93% as determined by SEC-HPLC
活性	EC <sub>50</sub> =2.9 ng/mL

## 储存条件

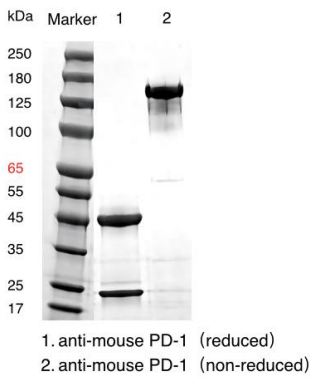
-25~-15°C保存

## 注意事项

1. 避免反复冻融。
2. 本产品仅作科研用途。
3. 为了您的安全和健康，请穿实验服并佩戴一次性手套操作。

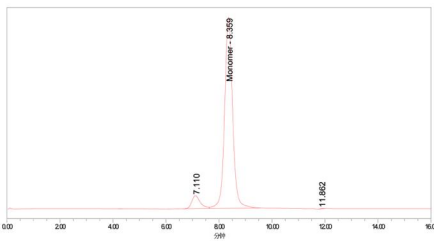
## 产品数据

### SDS-PAGE



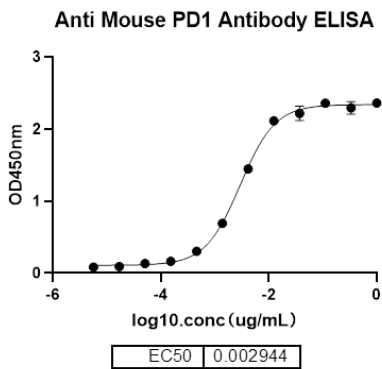
Mouse PD-1 antibody on SDS-PAGE under reduced condition. The purity is 97.6%;  
Mouse PD-1 antibody on SDS-PAGE under non-reduced condition. The purity is 91.3%.

### SEC-HPLC



The purity of Mouse PD-1 antibody is 93.3% as determined by SEC-HPLC.

### ELISA Data



Immobilized Mouse PD-1 at 2 μg/mL (100 μL/well). Dose response curve for PD-1 antibody, with the EC<sub>50</sub> of 2.9 ng/mL.