

PD1 Recombinant antibody

Cat:B32001R

Company: Haokebio

Uniprot ID:Q15116

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Programmed cell death protein 1 (PD-1) is a cell surface co-receptor belonging to the CD28/CTLA-4 T-cell family, which downregulates the immune system through a dual inhibitory mechanism.

PD-1 is expressed in activated T cells, B cells, and myeloid cells and serves as a marker for angioimmunoblastic T-cell lymphoma, suggesting a unique cellular origin for this tumor.

The presence of PD-1-positive tumor-infiltrating lymphocytes (TILs) is associated with poor prognosis in human breast cancer and may have therapeutic implications for antibody treatments targeting the PD-1/PD-L1 signaling pathway. Therapies targeting PD-1 and its ligand PD-L1 have also shown significant success in non-small cell lung cancer, renal cell carcinoma, and melanoma.

Protein full name:

Programmed cell death protein 1

Synonyms:

PD-1

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

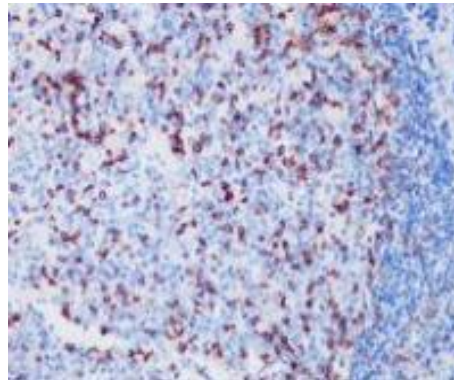
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human tonsil tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:PD-1(B32001R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:PD-1(B32001R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.