

# Product Datasheet

## PD-1 Antibody (PD-1/1410R) NBP2-47621-20ug

Unit Size: 20 ug

Store at 4C.

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### Publications: 1

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**NBP2-47621-20ug**

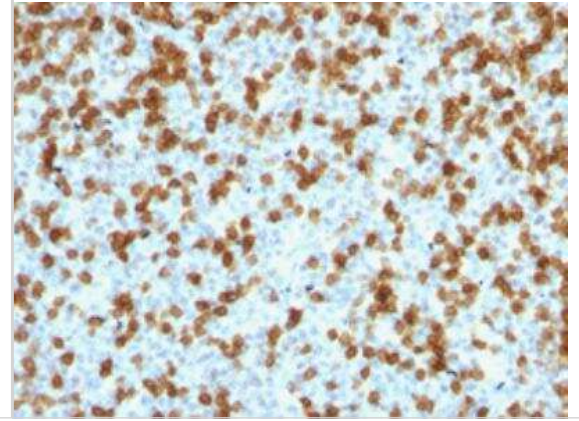
PD-1 Antibody (PD1/1410R)

Product Information	
Unit Size	20 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	PD1/1410R
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	55 kDa
Product Description	
Host	Rabbit
Gene ID	5133
Gene Symbol	PD1
Species	Human
Specificity/Sensitivity	PD1 (programmed cell death-1 protein), also designated CD279, is a type I transmembrane receptor and a member of the immunoglobulin gene superfamily. It is expressed on activated T-cells, B-cells, and myeloid cells. Anti-PD1 is a marker of angioimmunoblastic lymphoma and suggests a unique cell of origin for this neoplasm. Unlike CD10 and BCL6, PD1 is expressed by few B-cells, so anti-PD1 may be a more specific and useful diagnostic marker in angioimmunoblastic lymphoma. In addition, PD1 expression provides evidence that angioimmunoblastic lymphoma is a neoplasm derived from germinal center-associated T-cells.
Immunogen	Human recombinant PD1 protein.
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunohistochemistry-Paraffin 1 - 2 ug/mL, Immunofluorescence 1 - 2 ug/mL
Application Notes	Hu Chromosome Location: 2q37.3 Immunohistology (Formalin-fixed) (1 - 2ug/mL for 30 minutes at RT). Staining of formalin-fixed tissues requires boiling tissue sections in 1mM EDTA, pH 7.5 - 8.5, for 10-20 min followed by cooling at RT for 20 minutes.



## Images

Immunohistochemistry-Paraffin: PD-1 Antibody (PDCD1/1410) [NBP2-47621] - Formalin-fixed, paraffin-embedded human Tonsil stained with PD1 (CD279) MAb (PDCD1/1410).



## Publications

Jin L, Tao H, Karachi A et al. CXCR1- or CXCR2-modified CAR T cells co-opt IL-8 for maximal antitumor efficacy in solid tumors Nat Commun 2019-09-05 [PMID: 31488817] (IF/IHC, Human)



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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