

# Product Datasheet

## PD-1 Antibody (J116) - BSA Free NBP1-43107-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 4

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**NBP1-43107-0.1mg**

PD-1 Antibody (J116) - BSA Free

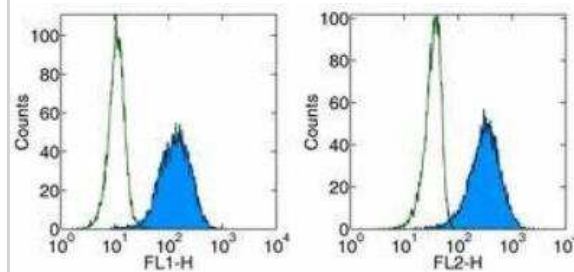
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	J116
Preservative	0.09% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

Product Description	
Description	Novus Biologicals Mouse PD-1 Antibody (J116) - BSA Free (NBP1-43107) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. Anti-PD-1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5133
Gene Symbol	PDCD1
Species	Human
Immunogen	The immunogen for this antibody was PD1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	The J116 antibody has been tested by flow cytometric analysis of human PD-1 transfected cells. This can be used at less than or equal to 1 ug per test. Cell number should be determined empirically but can range from 10 <sup>5</sup> to 10 <sup>8</sup> cells/test.

**Images**

Flow Cytometry: PD-1 Antibody (J116) [NBP1-43107] - Staining of human PD-1 transfected cells with anti-human Anti-Human CD279 (PD-1) FITC (left) or PE (right). Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.



## Publications

H. B. Deepak, Sabina Evan Prince, Pratima Deshpande Effect of baricitinib in regulating programmed death 1 and ligand programmed cell death ligand 1 through JAK/STAT pathway in psoriasis Indian Journal of Pharmacology 2022-01-01 [PMID: 35848689]

Mohr M, Damas N, Gudmand-Hoyer J et al. The CRISPR-Cas12a Platform for Accurate Genome Editing, Gene Disruption, and Efficient Transgene Integration in Human Immune Cells ACS synthetic biology 2023-02-17 [PMID: 36750230] (Flow Cytometry, Human)

Peled M, Strazza M, Azoulay-Alfaguter I, Mor A. Analysis of Programmed Death-1 in Patients with Psoriatic Arthritis Inflammation. 2015-02-10 [PMID: 25663558] (FLOW, Human)

Azoulay-Alfaguter I, Strazza M, Pedoeem A, Mor A. The coreceptor programmed death-1 inhibits T-cell adhesion by regulating Rap1. J Allergy Clin. Immunol. 2014-09-17 [PMID: 25240786]





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### **Products Related to NBP1-43107-0.1mg**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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