

Product Datasheet

PD-1 Antibody (J43) - BSA Free NBP1-43110-0.5mg

Unit Size: 0.5 mg

Store at 4C. Do not freeze.

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NBP1-43110-0.5mg

PD-1 Antibody (J43) - BSA Free

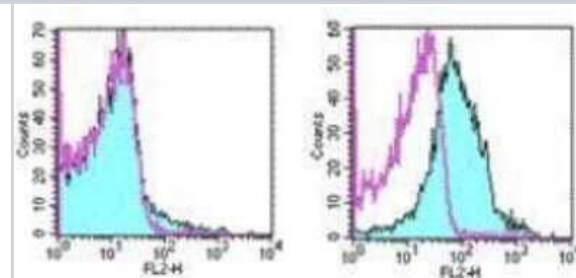
Product Information	
Unit Size	0.5 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	J43
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

Product Description	
Description	Novus Biologicals Armenian Hamster PD-1 Antibody (J43) - BSA Free (NBP1-43110) is a monoclonal antibody validated for use in IHC, Flow and IP. Anti-PD-1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Armenian Hamster
Gene ID	5133
Gene Symbol	PDCD1
Species	Mouse
Immunogen	The immunogen for this antibody was PD1.

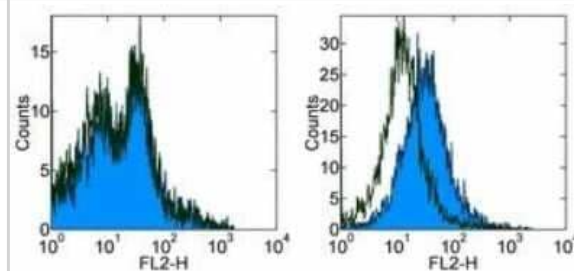
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunohistochemistry, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	The J43 antibody has been tested by flow cytometric analysis of mouse Con-A activated spleen cell suspensions and mouse PD-1 transfected cells. This can be used at less than or equal to 0.5 ug per test. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. IHC-F reactivity reported in scientific literature (PMID: 12847137)

Images

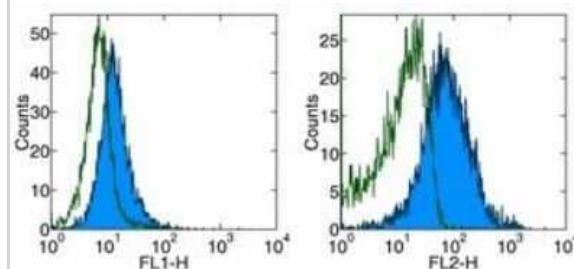
Flow Cytometry: PD-1 Antibody (J43) [NBP1-43110] - Analysis of PE conjugate of NBP1-43110. The J43 antibody has been tested by flow cytometric mouse Con-A activated spleen cell suspensions and mouse PD-1 transfected cells. This can be used at less than or equal to 0.5 ug per test. Cell number should be de



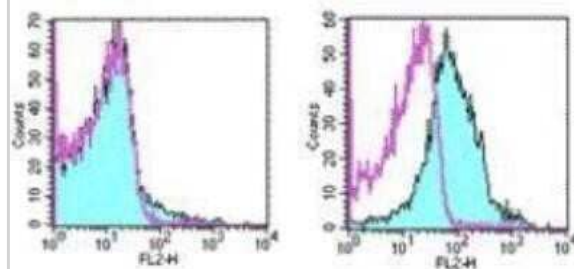
Flow Cytometry: PD-1 Antibody (J43) [NBP1-43110] - Staining of 3-day unstimulated (left) and 3-day ConA activated (right) BALB/c splenocytes with 0.25 ug of Hamster IgG Isotype Control Purified (open histogram) or 0.25 ug of Anti-Mouse PD-1 Purified (filled histogram) followed by Anti-Armenian Hamster Ig



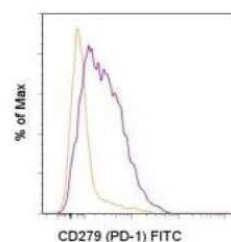
Flow Cytometry: PD-1 Antibody (J43) [NBP1-43110] - Analysis using the Biotin conjugate of NBP1-43110. Staining of ConA stimulated splenocytes with Anti-Mouse CD279 (PD-1) FITC (left) and PE (right). Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.



Flow Cytometry: PD-1 Antibody (J43) [NBP1-43110] - Analysis using the Serum/Azide Free version of NBP1-43110. Staining of mouse Con-A activated spleen cell suspensions and mouse PD-1 transfected cells using PD1 PE conjugate. This can be used at less than or equal to 0.5 ug per test. Cell number should be



Flow Cytometry: PD-1 Antibody (J43) [NBP1-43110] - Analysis using the Serum/Azide Free version of NBP1-43110. Staining of unstimulated (orange histogram) or 3-day Anti-Mouse CD3 and Anti-Mouse CD28 Functional Grade Purified -stimulated (purple histogram) C57Bl/6 splenocytes with 0.5 ug of Anti-Mouse CD279 (PD-1) FITC. Total viable cells were used for analysis.



Publications

Chen W, Wan X, Ukah TK et al. Antigen-Specific Immune Modulation Targets mTORC1 Function To Drive Chemokine Receptor-Mediated T Cell Tolerance. J. Immunol. 2016-11-01 [PMID: 27671108] (IP, Mouse)



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Products Related to NBP1-43110-0.5mg

NB120-5738	Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody
NBP1-97046	Armenian Hamster IgG Isotype Control
NBP1-77276PEP	PD-1 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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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