

Product Datasheet

PD-1 Antibody (J43) - Azide and BSA Free NBP2-34497

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP2-34497

PD-1 Antibody (J43) - Azide and BSA Free

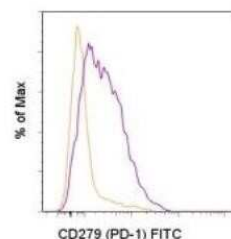
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	J43
Preservative	No Preservative
Isotype	IgG
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

Product Description	
Host	Armenian Hamster
Gene ID	5133
Gene Symbol	PDCD1
Species	Mouse
Immunogen	The immunogen for this antibody was PD1.

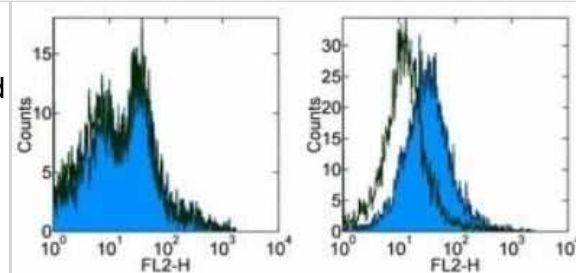
Product Application Details	
Applications	Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Functional, CyTOF-ready
Application Notes	The J43 antibody has been tested by flow cytometric analysis of mouse Con-A activated spleen cells and mouse PD-1 transfected cells. This can be used at less than or equal to 0.5 ug per test. A test is defined as the amount (ug) of antibody that will stain a cell sample in a final volume of 100 uL. Cell number should be determined empirically. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Images

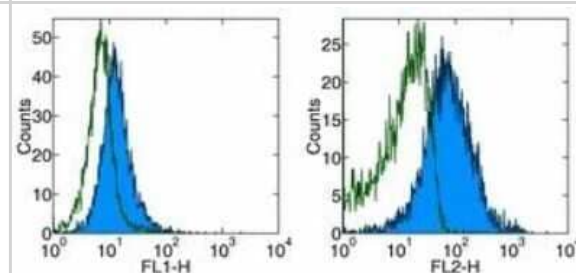
Immunocytochemistry/Immunofluorescence: PD-1 Antibody (J43) - Azide Free [NBP2-34497] - Analysis using the Serum/Azide Free version of NBP1-43110. Staining of unstimulated (orange histogram) or 3-day Anti-Mouse CD3 and Anti-Mouse CD28 Functional Grade Purified -stimulated (purple histogram) C57Bl/6 splenocytes with 0.5 ug of Anti-Mouse CD279 (PD-1) FITC. Total viable cells were used for analysis.



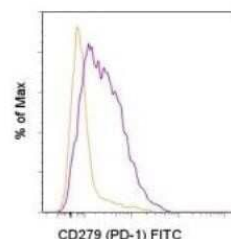
Flow Cytometry: PD-1 Antibody (J43) - Azide Free [NBP2-34497] - Staining of 3-day unstimulated (left) and 3-day ConA activated (right) BALB/c splenocytes with 0.25 ug of Hamster IgG Isotype Control Purified (open histogram) or 0.25 ug of Anti-Mouse PD-1 Purified (filled histogram) followed by Anti-Armenian Hamster Ig



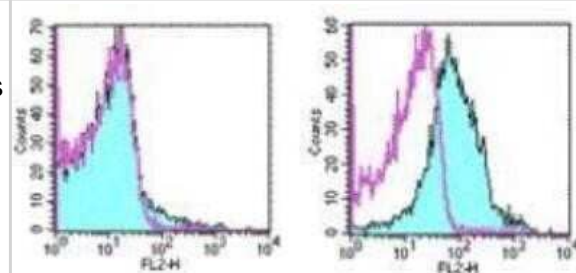
Flow Cytometry: PD-1 Antibody (J43) - Azide Free [NBP2-34497] - Staining of ConA stimulated splenocytes with Anti-Mouse CD279 (PD-1) FITC (left) and PE (right). Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.



Flow Cytometry: PD-1 Antibody (J43) - Azide Free [NBP2-34497] - 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.



Flow Cytometry: PD-1 Antibody (J43) - Azide Free [NBP2-34497] - Analysis 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 determined empirically but can range from 10^5 to 10^8 cells





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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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