## **Product Datasheet**

### PD-1 Antibody (4F12) [FITC] NBP1-04328F

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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#### NBP1-04328F

PD-1 Antibody (4F12) [FITC]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	4F12
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	FITC
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	5133
Gene Symbol	PDCD1
Species	Human, Canine
Reactivity Notes	Use in Canine reported in scientific literature (PMID:34923192) .
Immunogen	Recombinant human PD-1 (21-167aa) purified from E. coli
Notes	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.

#### Images

PD-1 Antibody (4F12) [FITC] [NBP1-04328F] - Vial of FITC conjugated antibody. FITC is optimally excited at 498 nm by the Blue laser (488 nm) and has an emission maximum of 519 nm.

FITC FITC FITC FITC FILTER Blue (488) 525/50 EXCITATION MAX (nm) 498 519				
Blue (488) 525/50   EXCITATION MAX (nm) EMISSION MAX (nm)		FITC		
EXCITATION MAX (nm) EMISSION MAX (nm)	Software and	LASER (nm)	FILTER	
	FITC	Blue (488)	525/50	
498 519		EXCITATION MAX (nm)	EMISSION MAX (nm)	
		498	519	

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#### Products Related to NBP1-04328F

NBP1-43317FMouse IgG2b Kappa Light Chain Isotype Control (MG2b) [FITC]NBP1-77276PEPPD-1 Antibody Blocking Peptide210-TA-005TNF-alpha [Unconjugated]1086-PD-050PD-1 [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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