

# Product Datasheet

## PD-1 Antibody [Alexa Fluor® 488] - (Research Grade penpulimab Biosimilar) NBP3-28304AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-28304AF488**

PD-1 Antibody [Alexa Fluor® 488] - (Research Grade penpulimab Biosimilar)

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
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 488
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Description	The heavy chain type is hulgG1, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa.  Also known as 'penpulimab'.
Host	Human
Gene ID	5133
Gene Symbol	PDCD1
Species	Human
Immunogen	PDCD1 / PD-1 / CD279
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. 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	ELISA, Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry, ELISA, Functional
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-28304AF488**

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DDXCH01A488-100	Human IgG1 Isotype Control [Alexa Fluor® 488]
NBP1-77276PEP	PD-1 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
1086-PD-050	PD-1 [Unconjugated]

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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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