

# Product Datasheet

## **B7-1/CD80 Antibody (16-10A1) [Alexa Fluor® 488] NBP1-43385AF488**

Unit Size: 0.1 ml

Store at 4C in the dark.

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### Publications: 1

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**NBP1-43385AF488**

B7-1/CD80 Antibody (16-10A1) [Alexa Fluor® 488]

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	16-10A1
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

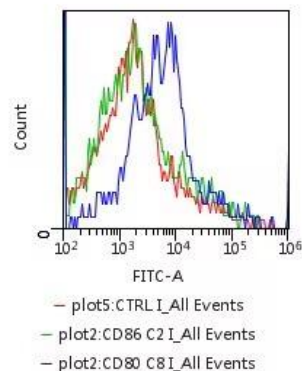
Product Description	
Host	Armenian Hamster
Gene ID	941
Gene Symbol	CD80
Species	Human, Mouse, Feline
Reactivity Notes	Feline reactivity reported from a verified customer review.
Immunogen	The immunogen for this antibody was CD80.
Notes	<p>Alexa Fluor (R) products are provided under an intellectual property 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 <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. 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.</p>

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.



## Images

Flow Cytometry: Armenian Hamster Monoclonal B7-1/CD80 Antibody (16-10A1) [Alexa Fluor® 488] [NBP1-43385AF488] - Antibody was tested via flow cytometry using magnetic beads coated with feline protein. Histogram overlay showing fluorescence results obtained via flow cytometry. Red line (unstained beads) and green line (beads coated with CD86 synthetic protein) served as negative controls. Blue line: positive signal obtained with CD80-coated beads. Image from a verified customer review.



Product Image: B7-1/CD80 Antibody (16-10A1) [Alexa Fluor® 488] [NBP1-43385AF488] - Vial of Alexa Fluor 488 conjugated antibody. Alexa Fluor 488 is optimally excited at 490 nm by the Blue laser (488 nm) and has an emission maximum of 525 nm.



## Publications

Samanta D, Huang T, Shah R et al. BIRC2 Expression Impairs Anti-Cancer Immunity and Immunotherapy Efficacy Cell Rep [PMID: 32846130] (FLOW, Mouse)

Details:

Citation using the PE format of this antibody.



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### **Products Related to NBP1-43385AF488**

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NBP2-26578	Recombinant Mouse B7-1/CD80 Protein
210-TA-005	TNF-alpha [Unconjugated]
740-B1-100	B7-1/CD80 [Unconjugated]
6507-IL-010/CF	IL-4 [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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