

Product Datasheet

B7-1/CD80 Antibody (16-10A1) - BSA Free **NBP1-43385-0.1mg**

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-43385-0.1mg

B7-1/CD80 Antibody (16-10A1) - BSA Free

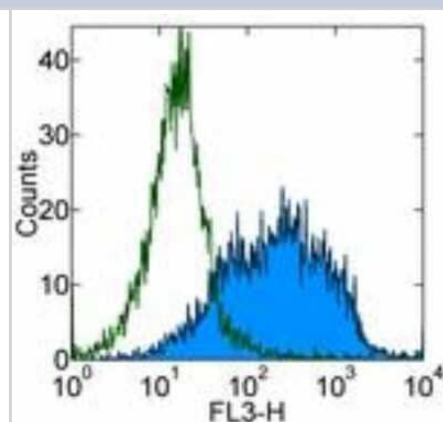
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	16-10A1
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

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.

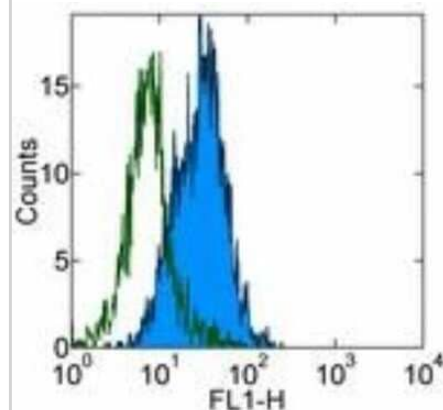
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	The 16-10A1 antibody has been tested by flow cytometric analysis of activated mouse splenocyte suspensions. 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.

Images

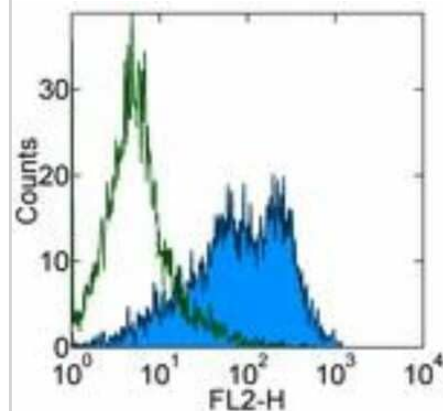
Flow Cytometry: B7-1/CD80 Antibody (16-10A1) [NBP1-43385] - Analysis using the PE/Cy5 conjugate of NBP1-43385. Staining of 3-day LPS activated C57Bl/6 splenocytes with 0.03 ug of PE-Cy5 Armenian Hamster IgG Isotype Control (open histogram) or 0.03 ug of Anti-Mouse CD80 (B7-1) PE-Cy5 (filled histogram). Total cells



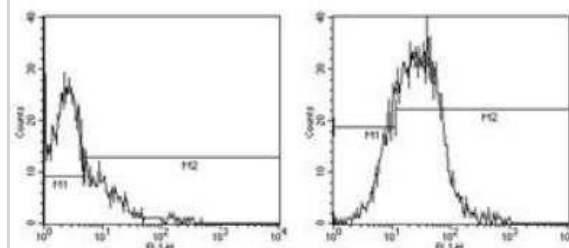
Flow Cytometry: B7-1/CD80 Antibody (16-10A1) [NBP1-43385] - Staining of 3-day LPS-stimulated BALB/c splenocytes with 0.25 ug of Armenian Hamster IgG Isotype Control Purified (open histogram) or 0.25 ug of Anti-Mouse CD80 (B7-1) Purified (filled histogram) followed by Anti-Armenian Hamster IgG FITC. Total viable cells were used for analysis.



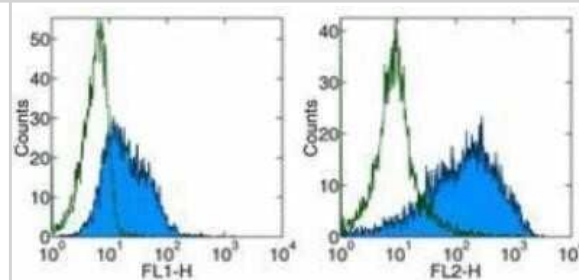
Flow Cytometry: B7-1/CD80 Antibody (16-10A1) [NBP1-43385] - Analysis using the Biotin conjugate of NBP1-43385. Staining of 3-day LPS-stimulated C57BL/6 splenocytes with 0.06 ug of Armenian Hamster IgG Isotype Control Biotin (open histogram) or 0.06 ug of Anti-Mouse CD80 (B7-1) Biotin (filled histogram) followed by Streptavidin PE. Total viable cells were used for analysis.



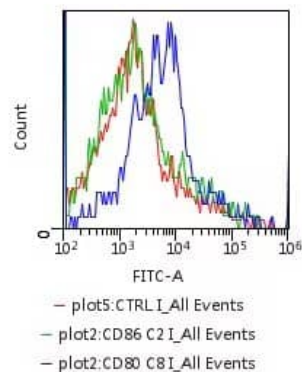
Flow Cytometry: B7-1/CD80 Antibody (16-10A1) [NBP1-43385] - Analysis using the FITC conjugate of NBP1-43385. Staining of unstimulated (left) or 3-day LPS-stimulated (right) C57BL/6 splenocytes with 0.125 ug of Anti-Mouse CD80 (B7-1) FITC. Total viable cells were used for analysis. Markers were set based on the autofluorescence sample.



Flow Cytometry: B7-1/CD80 Antibody (16-10A1) [NBP1-43385] - Analysis using the PE conjugate of NBP1-43385. See Notes



Flow Cytometry: Armenian Hamster Monoclonal B7-1/CD80 Antibody (16-10A1) [NBP1-43385] - Alexa Fluor® 488 conjugated antibody (Catalog # NBP1-43385AF488) 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.



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 NBP1-43385-0.1mg

NB120-5738	Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody
NBP1-97046	Armenian Hamster IgG Isotype Control
NBP1-43086-0.05mg	B7-1/CD80 Antibody (16-10A1) [PE/Cy5]
NBP2-26578	Recombinant Mouse B7-1/CD80 Protein

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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