

Product Datasheet

B7-1/CD80 Antibody (16C10) - Chimeric - Azide and BSA Free **NBP3-12027-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP3-12027-0.2mg

B7-1/CD80 Antibody (16C10) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	16C10
Preservative	0.02% Proclin 300
Isotype	IgG Lambda
Purity	Protein A purified
Buffer	PBS

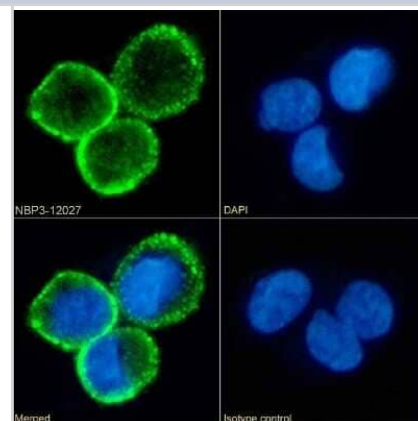
Product Description	
Host	Rabbit
Gene ID	941
Gene Symbol	CD80
Species	Human
Specificity/Sensitivity	This antibody binds human B7-1/CD80 and inhibits the B7.1:CD28 pathway.
Immunogen	This antibody was generated by immunization of cynomolgus monkeys with human B7.1 antigen.

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original IgG1 format, for improved compatibility with existing reagents, assays and techniques.

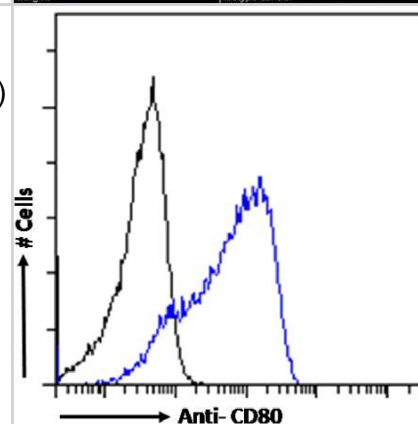


Images

Immunocytochemistry/Immunofluorescence: B7-1/CD80 Antibody (16C10) - Chimeric [NBP3-12027] - Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version of 16C10 (NBP3-12027) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-12027, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.



Flow Cytometry: B7-1/CD80 Antibody (16C10) - Chimeric - Azide and BSA Free [NBP3-12027] - Daudi cells were fixed using 2% PFA and stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-12027 (blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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Products Related to NBP3-12027-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-26578	Recombinant Mouse B7-1/CD80 Protein
210-TA-005	TNF-alpha [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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