

Product Datasheet

B7-H6 Antibody (17B1.3) - Chimeric - Azide and BSA Free NBP3-09050-0.2mg

Unit Size: 0.2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-09050-0.2mg

B7-H6 Antibody (17B1.3) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	17B1.3
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

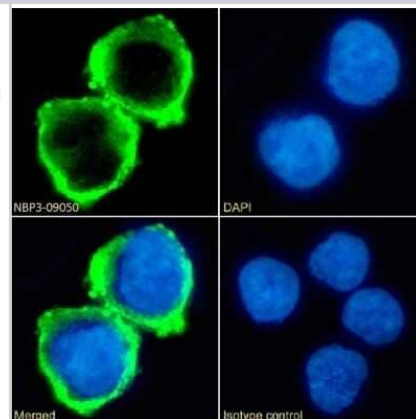
Product Description	
Description	Novus Biologicals Rabbit B7-H6 Antibody (17B1.3) - Chimeric - Azide and BSA Free (NBP3-09050) is a recombinant monoclonal antibody validated for use in Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	374383
Gene Symbol	NCR3LG1
Species	Human
Specificity/Sensitivity	mAb 17B1.3 specifically recognises B7-H6. 17B1.3 reacted with human tumour cell lines constitutively expressing B7-H6 such as HeLa cells. Fab 17B1.3 does not interfere with the binding of B7-H6 to NKp30, but nevertheless blocks NK cell activation.
Immunogen	Immunised mice with extracellular domain of human B7-H6 and selected on the basis of specific reactivity by P815.B7-H6, but not with P815.B7-H1.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Application Notes	<p>This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.</p> <p>B7-H6 is not detected in normal human tissues at steady state but is expressed on tumour cells, so tumour cells can be detected by NK cells. This article describes the study of the mechanisms that govern the induction of B7-H6 on primary cells as well as its consequences in vitro and in vivo.</p>

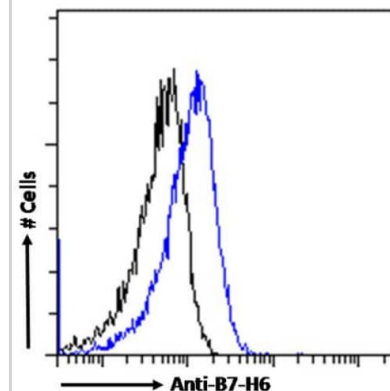


Images

Immunocytochemistry/Immunofluorescence: B7-H6 Antibody (17B1.3) - Chimeric [NBP3-09050] - Immunofluorescence analysis of paraformaldehyde fixed K562 cells on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version of 17B1.3 (NBP3-09050) 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 NBP3-09050, 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-H6 Antibody (17B1.3) - Chimeric - Azide and BSA Free [NBP3-09050] - Paraformaldehyde fixed HeLa cells were stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-09050 (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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-09050-0.2mg

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
7268-CT-100	CTLA-4 [Unconjugated]
AVI7144-050	B7-H6 [Biotin]

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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