

Product Datasheet

RHD Antibody (D7C2) - Chimeric - Azide and BSA Free NBP3-09042-0.2mg

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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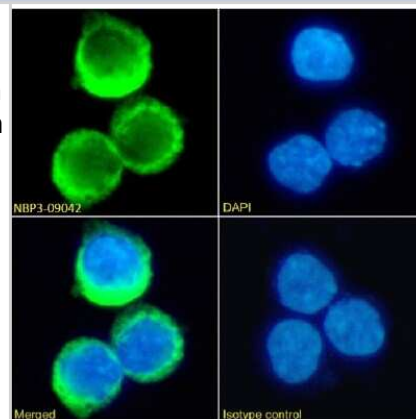
NBP3-09042-0.2mg

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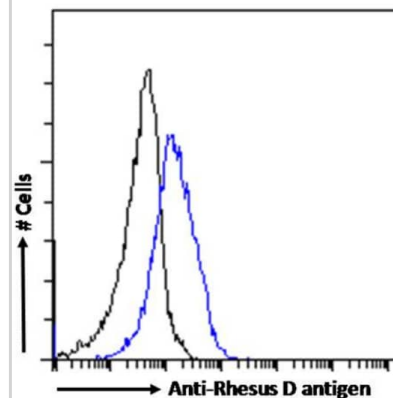
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	D7C2
Preservative	0.02% Proclin 300
Isotype	IgG Lambda
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Rabbit RHD Antibody (D7C2) - Chimeric - Azide and BSA Free (NBP3-09042) 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	6007
Gene Symbol	RHD
Species	Human
Immunogen	A Rh- volunteer blood donor (r/r) was injected with 5ml of Rh+ erythrocytes (R1/r) and the peripheral lymphocytes were isolated and transformed with 1 ml of culture supernatant of the EBV marmoset B96-8 cell line.
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 Human IgM format, for improved compatibility with existing reagents, assays and techniques.</p> <p>FC confirmed the binding of D7C2 to Rh D+ red cells in artificial mixtures (Edelman et al, 1997). The ADCC of D7C2 showed a percentage of 93% lysis (Edelman et al, 1997). D7C2 has been expressed recombinantly using a baculovirus-insect cell expression system (Edelman et al, 1997).</p>

Images

Immunocytochemistry/Immunofluorescence: RHD Antibody (D7C2) - Chimeric [NBP3-09042] - Immunofluorescence analysis of paraformaldehyde fixed K562 cells on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version of D7C2 (NBP3-09042) 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 NBP3-09042, 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: RHD Antibody (D7C2) - Chimeric - Azide and BSA Free [NBP3-09042] - Paraformaldehyde fixed K562 cells were stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-09042 (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 NBP3-09042-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
210-TA-005	TNF-alpha [Unconjugated]
NBP2-07087	RHD Overexpression Lysate

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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