

Product Datasheet

B7-H2/ICOSLG Antibody (HK5.3) - Chimeric - Azide and BSA Free **NBP3-09018-0.2mg**

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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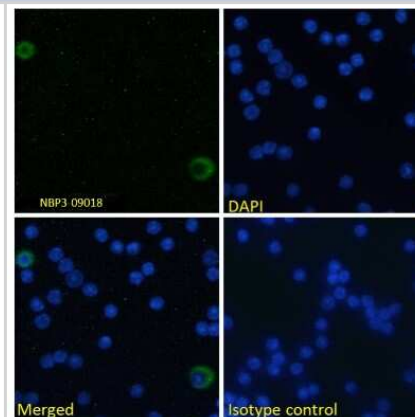
NBP3-09018-0.2mg

B7-H2/ICOSLG Antibody (HK5.3) - Chimeric - Azide and BSA Free

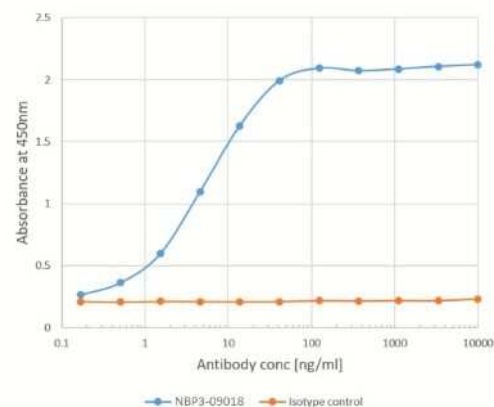
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HK5.3
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Rabbit B7-H2/ICOSLG Antibody (HK5.3) - Chimeric - Azide and BSA Free (NBP3-09018) is a recombinant monoclonal antibody validated for use in ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23308
Gene Symbol	ICOSLG
Species	Mouse
Specificity/Sensitivity	This antibody specifically binds to mouse ICOSL and competes with binding of ICOS.
Immunogen	This antibody was raised by immunizing SD rat with mouse B7h-transfected L cells and fusing immune splenocytes with P3U1 myeloma cells and screened for binding to mouse B7h-transfected NRK cells.
Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	<p>This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.</p> <p>This antibody has been used to detect murine ICOSL by flow cytometry. It is able to block ICOSL interacting with ICOSL and inhibit T-cell proliferation in a collagen type II (CII)-induced arthritis model.</p>

Images

Immunocytochemistry/Immunofluorescence: B7-H2/ICOSLG Antibody (HK5.3) - Chimeric [NBP3-09018] - Immunofluorescence analysis of paraformaldehyde fixed mouse (*Mus musculus*) splenocytes on Shi-fix (TM) coverslips, permeabilized with 0.15% Triton stained with the chimeric rabbit version of HK5.3 (NBP3-09018) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (1 ug/ml), showing weak membrane staining in a subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-09018, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor(R) 488 secondary antibody.



ELISA: B7-H2/ICOSLG Antibody (HK5.3) - Chimeric [NBP3-09018] - ELISA Plate coated with B7-H2/ICOSLG-Fc fusion protein at a concentration of 5 ug/ml. A 3-fold serial dilution from 10,000 to 0.1 ng/ml was performed using NBP3-09018. For detection, a 1:4000 dilution of HRP-labelled goat anti-rabbit antibody was used.





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Products Related to NBP3-09018-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-68606PEP	B7-H2/ICOSLG Recombinant Protein Antigen
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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