

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

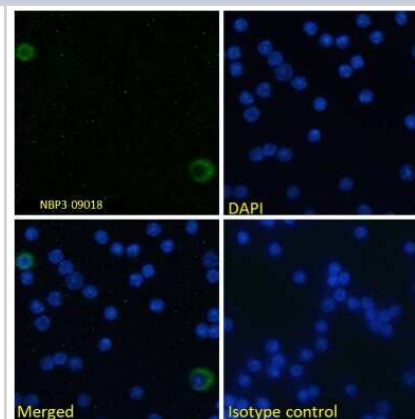
B7-H2/ICOSLG Antibody (HK5.3) - Chimeric - Azide and BSA Free

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	
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	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. 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.

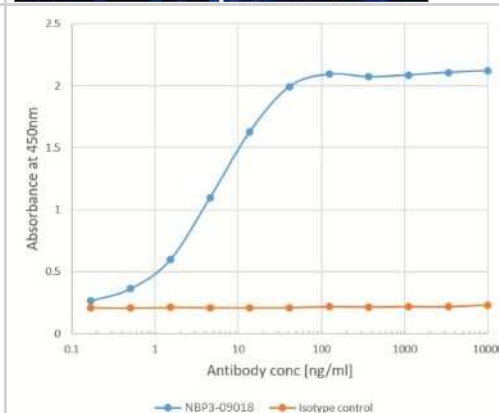


Images

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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