

Product Datasheet

GITR/TNFRSF18 Antibody (YGITR765) - Chimeric - Azide and BSA Free NBP2-81090-0.2mg

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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NBP2-81090-0.2mg

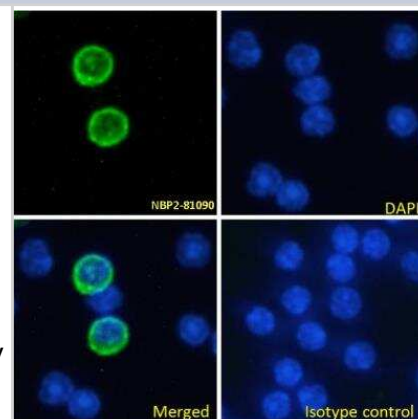
GITR/TNFRSF18 Antibody (YGITR765) - Chimeric - Azide and BSA Free

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	YGITR765
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	8784
Gene Symbol	TNFRSF18
Species	Mouse
Specificity/Sensitivity	This antibody binds murine GITR/TNFRSF18.
Immunogen	nB2/6TG cells transfected with mouse GITR/TNFRSF18 injected into DA rats.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques. A chimeric version of this antibody featuring a human IgG1 Fc-portion engineered to lack the N-linked glycosylation site at amino acid 297 was shown to enhance humoral immune responses by blocking GITR signalling (Ponte 2010).

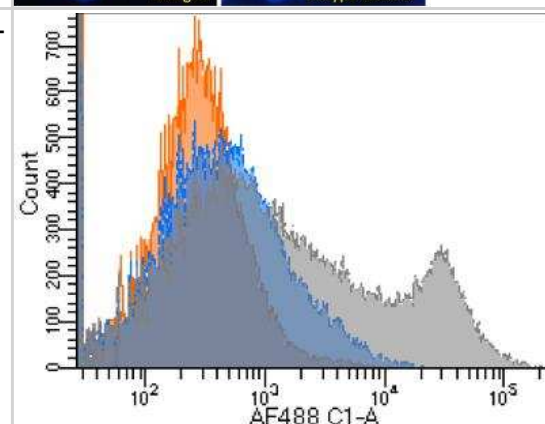


Images

Immunocytochemistry/Immunofluorescence: GITR/TNFRSF18 Antibody (YGITR765) [NBP2-81090] - Immunofluorescence staining of fixed mouse splenocytes with GITR/TNFRSF18 Antibody (YGITR765) [NBP2-81090]. Immunofluorescence analysis of paraformaldehyde fixed mouse (*Mus musculus*) splenocytes on Shi-fix coverslips, permeabilized with 0.15% Triton stained with the chimeric rabbit version of YGITR765 [NBP2-81090] at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing membrane staining in a subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-81090, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.



Flow Cytometry: GITR/TNFRSF18 Antibody (YGITR765) [NBP2-81090] - Flow-cytometry using [NBP2-81090]. Mouse activated T cells were stained with an isotype control (NBP2-52638, Orange) or the rabbit-chimeric version of YGITR765 [NBP2-81090] at a concentration of 1 ug/ml for 30 mins at RT without (Blue) and with (Grey) stimulation of the lymphocytes with immobilized anti-CD3 and anti-CD28 antibodies. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.





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Products Related to NBP2-81090-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-52215-0.05mg	Recombinant Human GITR/TNFRSF18 His 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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