

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 |

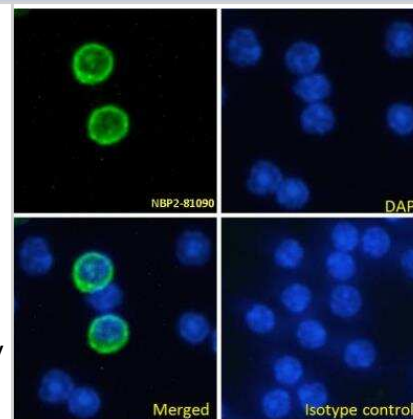
| Product Description | |
|-------------------------|--|
| Description | Novus Biologicals Rabbit GITR/TNFRSF18 Antibody (YGITR765) - Chimeric - Azide and BSA Free (NBP2-81090) is a recombinant monoclonal antibody validated for use in Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 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). |

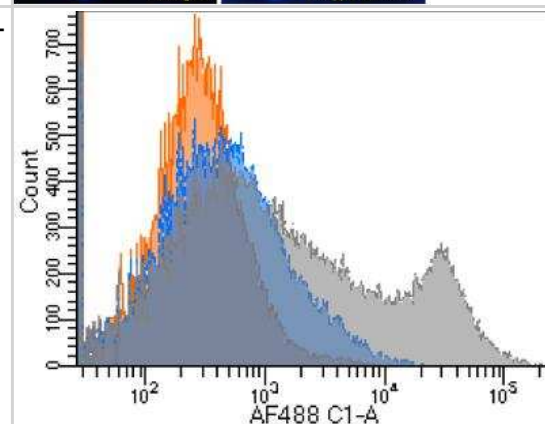


Images

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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