

GITR recombinant antibody

Anti-GITR [YGITR 860.103.5]

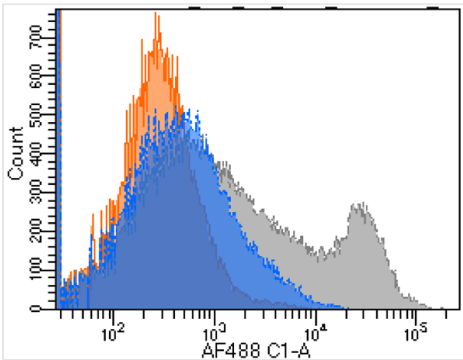
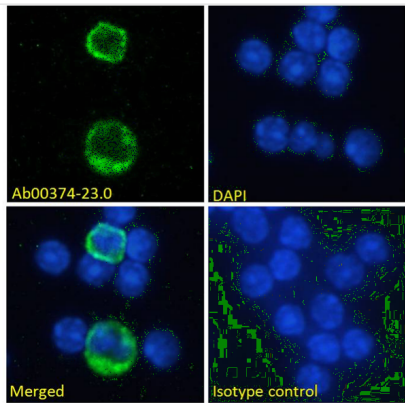
CATALOG # AAA71991	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

GITR; Monoclonal Recombinant Antibody; Anti-GITR [YGITR 860.103.5]; Tumor necrosis factor receptor superfamily member 18; TNFRSF18; AITR; CD357; GITR-D; activation-inducible TNFR family receptor; glucocorticoid-induced tumor necrosis factor receptor; GITR recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG, Kappa
Clone Number	YGITR 860.103.5
Specificity	This antibody binds to mouse GITR.
Purity/Purification	Protein A Affinity Purified
Concentration	1 mg/ml (varies by lot)
Sequence Length	234
Applicable Applications for GITR recombinant antibody	FCM/FACS (Flow Cytometry)
Immunogen	Mouse GITR.
Buffer Composition	PBS only with 0.02% Proclin 300.
Chimeric Use Statement	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.
Labeled Substance	None
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



FCM/FACS (Flow Cytometry)
Flow-cytometry using anti-GITR antibody YGITR860.103.5 Mouse splenocytes were stained with an isotype control or the rabbit-chimeric version of YGITR860.103.5 at a concentration of 1 ug/ml for 30 mins at RT without (Blue) and with (Grey) stimulation of the leukocytes 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.

IF (Immunofluorescence)
Immunofluorescence staining of fixed mouse splenocytes with anti-GITR (Tumor necrosis factor ligand superfamily member 18) antibody YGITR 860.103.5 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 YGITR 860.103.5 at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing membrane and some cytoplasmic staining in a subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for GITR recombinant antibody	Recombinant monoclonal antibody to GITR. Manufactured using a proprietary Recombinant Platform with variable regions (i.e. specificity) from the hybridoma YGITR 860.103.5. Mouse GITR.
Product Categories/Family for GITR recombinant antibody	Immunology; Autoimmunedisease

NCBI AND UNIPROT INFORMATION

NCBI GI #	254763669
NCBI GeneID	100407686
Molecular Weight	24,933 Da
NCBI Official Full Name	GITR
NCBI Official Symbol	TNFRSF18
NCBI Official Synonym Symbols	GITR
NCBI Protein Information	tumor necrosis factor receptor superfamily member 18
UniProt Protein Name	GITR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.