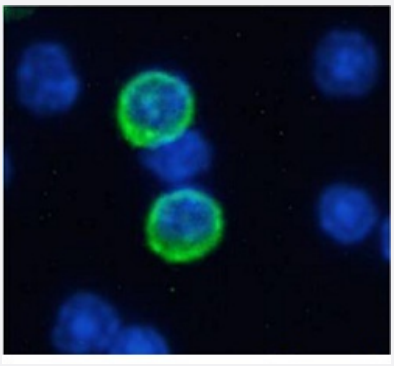
RecomAb™

Tnfrsf18 recombinant monoclonal antibody, clone YGITR765

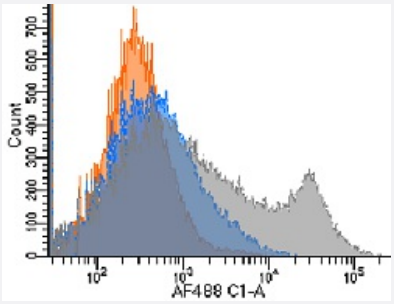
Catalog # RAB03486 Size 200 ug

Applications



Immunofluorescence

Immunofluorescenct staining of mouse splenocytes with Tnfrsf18 recombinant monoclonal antibody, clone YGITR765 (Cat # RAB03486).
Immunofluorescence analysis of paraformaldehyde mouse splenocytes fixed on Shi-fix™ coverslips, permeabilized with 0.15% Triton stained with the chimeric r version of RAB03486 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). The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor® 488 secondary antibody.



Flow Cytometry

Flow cytometric analysis of mouse activated T cells with Tnfrsf18 recombinant monoclonal antibody, clone YGITR765 (Cat # RAB03486).
Mouse activated T cells were stained with an isotype control (Orange) or the chimeric r version of RAB03486 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 the bound antibody was detected using a AF488 conjugated donkey anti-ribody antibody and cells analyzed using a FACSCanto flow-cytometer.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against mouse Tnfrsf18.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against nB2/6TG cells transfected with mouse GITR injected into DA rats.
Reactivity	Mouse

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Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG
Recommend Usage	Blocking Flow Cytometry Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

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- Blocking

Gene Info — Tnfrsf18

Entrez GeneID	21936
Gene Name	Tnfrsf18
Gene Alias	AITR, Gitr
Gene Description	tumor necrosis factor receptor superfamily, member 18

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Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTMUSP00000011817|OTTMUSP00000011818

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