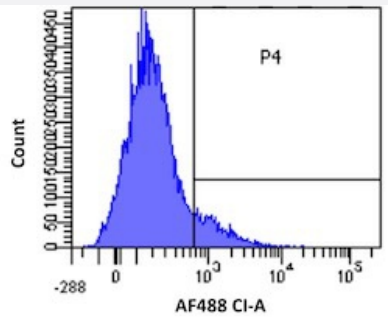
RecomAb™

TNFRSF8 recombinant monoclonal antibody, clone Ki-4

Catalog # RAB03219 Size 200 ug

Applications



Flow Cytometry

Flow cytometric analysis of human lymphocytes with TNFRSF8 recombinant monoclonal antibody, clone Ki-4 (Cat # RAB03219).
Human lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03219 before (B) or after anti-CD3/28 activation (C) at a concentration of 1 ug/ml for 30 mins at RT. After washing- bound antibody was detected using a AF488 conjugated donkey anti-ribody (and cells analysed on a FACSCanto flow-cytometer.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TNFRSF8.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human TNFRSF8.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry Immunofluorescence Immunohistochemistry Inhibition Assay The optimal working dilution should be determined by the end user.

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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.

Applications

- Immunohistochemistry
- Immunofluorescence
- Flow Cytometry

  Flow cytometric analysis of human lymphocytes with TNFRSF8 recombinant monoclonal antibody, clone Ki-4 (Cat # RAB03219).
  Human lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03219 before (B) or after anti-CD3/28 activation (C) at a concentration of 1 ug/ml for 30 mins at RT. After washing- bound antibody was detected using a AF488 conjugated donkey anti-ribody (and cells analysed on a FACSCanto flow-cytometer.
- Enzyme-linked Immunoabsorbent Assay
- Inhibition Assay

Gene Info — TNFRSF8

Entrez GeneID	943
Gene Name	TNFRSF8
Gene Alias	CD30, D1S166E, KI-1
Gene Description	tumor necrosis factor receptor superfamily, member 8
Omim ID	153243
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This rece ptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potenti al of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternativel y spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq

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Other Designations	CD30 antigen|CD30L receptor|Ki-1 antigen|OTTHUMP00000001783|cytokine receptor CD30|lymphocyte activation antigen CD30

Pathway

- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Hematologic Diseases
- HIV Infections
- Kidney Failure
- Multiple Myeloma
- Occupational Diseases
- Tobacco Use Disorder

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