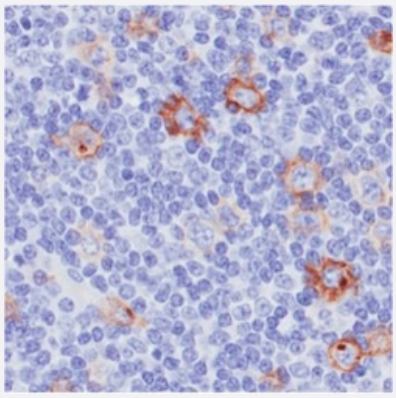
RecomAb™

TNFRSF8 recombinant monoclonal antibody, clone Ki-3

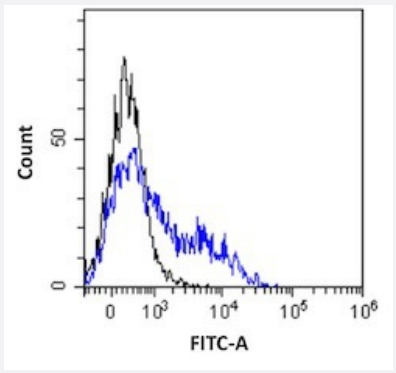
Catalog # RAB03217 Size 200 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil tissue with TNFRSF8 recombinant monoclonal antibody, clone Ki-3 (Cat # RAB03217).
Anti-TNFRSF8 staining of paraffin embedded human tonsil tissue using the rmeric version of RAB03217 was used to stain samples at a concentration of 2-4 ug/mL.



Flow Cytometry

Flow cytometric analysis of Jurkat cells with TNFRSF8 recombinant monoclonal antibody, clone Ki-3 (Cat # RAB03217).
Jurkat cells were stained with unimmunized r antibody (black line) or the rmeric version of RAB03217 (blue line) at a concentration of 10 ug/ml for 30 mins at RT. After washing- bound antibody was detected using an anti-r JK (FITC-conjugate) antibody (129936) at 2 ug/ml and cells analyzed 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

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Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry Immunofluorescence Immunohistochemistry 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.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human tonsil tissue with TNFRSF8 recombinant monoclonal antibody, clone Ki-3 (Cat # RAB03217).
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- Immunofluorescence

- Flow Cytometry

  Flow cytometric analysis of Jurkat cells with TNFRSF8 recombinant monoclonal antibody, clone Ki-3 (Cat # RAB03217). Jurkat cells were stained with unimmunized r antibody (black line) or the rmeric version of RAB03217 (blue line) at a concentration of 10 ug/ml for 30 mins at RT. After washing- bound antibody was detected using an anti-r JK (FITC-conjugate) antibody (129936) at 2 ug/ml and cells analyzed on a FACSCanto flow-cytometer.

- Enzyme-linked Immunoabsorbent 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

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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 receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq
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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