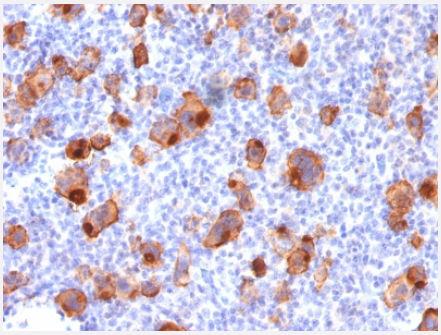
RecomAb™

TNFRSF8 recombinant monoclonal antibody, clone rKi-1/779

Catalog # RAB00313 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Hodgkin's lymphoma with TNFRSF8 recombinant monoclonal antibody, clone rKi-1/779 (Cat # RAB00313).

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human TNFRSF8.
Antibody Species	Mouse
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human TNFRSF8 .
Theoretical MW (kDa)	105-120
Reactivity	Human
Specificity	Recognizes a single chain glycoprotein of 105/120kDa, identified as TNFRSF8.
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa

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Recommend Usage	Flow Cytometry (0.5-1 ug/million cells) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA and 0.05% azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Hodgkin's lymphoma with TNFRSF8 recombinant monoclonal antibody, clone rKi-1/779 (Cat # RAB00313).

- Immunofluorescence

- Flow Cytometry

Gene Info — TNFRSF8

Entrez GeneID	943
Protein Accession#	P28908
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

Publication Reference

- CD30 antigen, a marker for Hodgkin's lymphoma, is a receptor whose ligand defines an emerging family of cytokines with homology to TNF.

  Smith CA, Gruss HJ, Davis T, Anderson D, Farrah T, Baker E, Sutherland GR, Brannan CI, Copeland NG, Jenkins NA, et al.

  Cell 1993 Jul; 73(7):1349.

  Application: Func, Human, CVI/EBNA, HDLM-2, Karpas 299, PBT cells

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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