

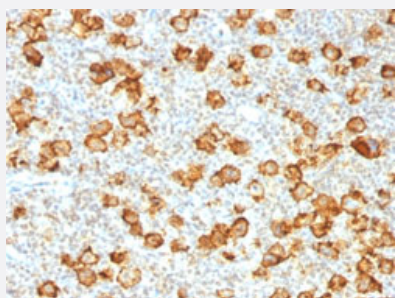
RecomAb™

TNFRSF8 recombinant monoclonal antibody, clone Ki-1/1505R

Catalog # RAB00368

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 Ki-1/1505R (Cat # RAB00368).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TNFRSF8.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human TNFRSF8 .
Theoretical MW (kDa)	105-120
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ 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

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

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

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- 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 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

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](#)