

## Product datasheet for **TA385982**

### CD30 (TNFRSF8) Rabbit Monoclonal Antibody [Clone ID: Ki-4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	Ki-4
Applications:	ELISA, FC, IF, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	Human CD30.
Specificity:	The antibody binds to CD30.

The antibody binds specifically to CD30, a cell membrane protein which belongs to the tumour necrosis factor receptor family. Incubation of CD30 positive L540 cells with Ki-4 antibody completely inhibits release of soluble CD30 (in contrast to Ki-3, Ab00474). CD30 is expressed on activated lymphocytes, and binding by its ligands TRAF2 and TRAF5 results in the activation of NF-kappaB, thereby regulating gene expression. CD30 is also associated with Hodgkin Lymphoma, and its expression acts as a tumour marker. Targeting the CD30 antigen with specific monoclonal antibodies is a possible therapy for Hodgkin's lymphoma.

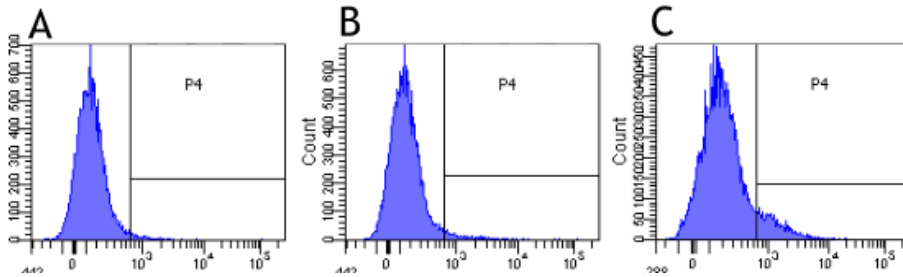
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	tumor necrosis factor receptor superfamily member 8
Database Link:	<a href="#">Entrez Gene 943 Human P28908</a>
Synonyms:	CD30; D1S166E; KI-1



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**Note:** This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

### Product images:



Flow-cytometry using anti-CD30 antibody Ki-4 (TA385982) Human lymphocytes were stained with an isotype control ([TA385644], panel A) or the rabbit-chimeric version of Ki-4 (TA385982) before (B) or after anti-CD3/28 activation (C) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.