

# CD30 Rabbit mAb

Catalog No.: A21230 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

14kDa/50kDa/63kDa

### Category

Primary antibody

### Applications

ELISA, IHC-P, IF/ICC, FC

### Cross-Reactivity

Human

### CloneNo number

ARC52949

## Background

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.

## Recommended Dilutions

IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:200
FC	1:100 - 1:500

## Immunogen Information

### Gene ID

943

### Swiss Prot

P28908

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 19-379 of human CD30 (NP\_001234.3).

### Synonyms

CD30; Ki-1; D1S166E

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

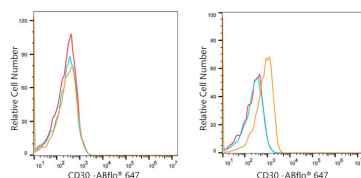
Affinity purification

### Storage

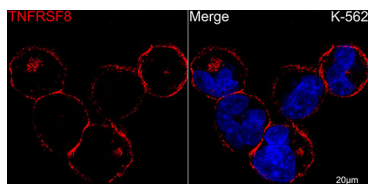
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

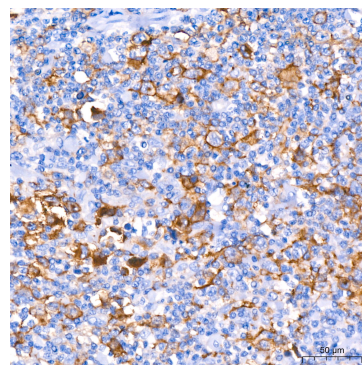
## Validation Data



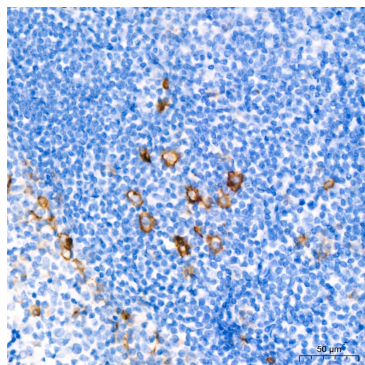
Flow cytometry:  $1 \times 10^6$  A549 cells (negative control, left) and K-562 cells (right) were surface-stained with CD30 Rabbit mAb (A21230, 2  $\mu\text{g/mL}$ , orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 2  $\mu\text{g/mL}$ , blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Confocal imaging of K-562 cells using CD30 Rabbit mAb (A21230, dilution 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 60x.



Immunohistochemistry analysis of paraffin-embedded Human anaplastic large cell lymphoma using CD30 Rabbit mAb (A21230) at dilution of 1:400 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human tonsil using CD30 Rabbit mAb (A21230) at dilution of 1:400 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.