

For Research Use Only

FcZero-rAb™ APC Anti-Human CD30/TNFRSF8 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98124



Basic Information

Catalog Number:

APC-FcA98124

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001243

GeneID (NCBI):

943

Full Name:

tumor necrosis factor receptor

superfamily, member 8

Calculated MW:

64 kDa

Purification Method:

Protein A purification

CloneNo.:

241330A12

Excitation/Emission maxima

wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

CD30, also known as TNFRSF8 or Ki-1, is a transmembrane glycoprotein belonging to the tumor necrosis factor receptor superfamily. It is composed of an extracellular domain with six cysteine-rich repeats, a transmembrane segment, and an intracellular domain (PMID: 1310894). CD30 is expressed on a small subset of activated T and B lymphocytes, and a variety of lymphoid neoplasms, with the highest expression in classical Hodgkin's lymphoma and anaplastic large cell lymphoma (PMID: 9826579; 28885612). The CD30 ligand (CD30L or CD153) is a type II transmembrane glycoprotein of the tumor necrosis factor ligand superfamily (PMID: 8701986). Signal transduction of CD30/CD30L utilizes signal transducers, TNFR-associated factors (TRAF1, 2, 3 and 5) (PMID: 9826579).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

For technical support and original validation data for this product please contact:

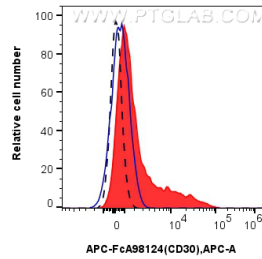
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Selected Validation Data



1x10⁶ PHA treated human PBMCs were surface stained with 5 ul APC Anti-Human CD30/TNFRSF8 Rabbit RecAb (APC-FcA98124, Clone: 241330A12) (red) or 5 ul APC Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9) (blue). 1x10⁶ untreated human PBMCs were surface stained with 5 ul APC Anti-Human CD30/TNFRSF8 Rabbit RecAb (APC-FcA98124, Clone: 241330A12) (black, dashed). Cells were not fixed.