

For Research Use Only

FITC Plus Anti-Human CD30/TNFRSF8 Rabbit Recombinant Antibody

Catalog Number: FITC-98124



Basic Information

Catalog Number:

FITC-98124

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001243

GeneID (NCBI):

943

UNIPROT ID:

P28908

Full Name:

tumor necrosis factor receptor
superfamily, member 8

Calculated MW:

64 kDa

Purification Method:

Protein A purification

CloneNo.:

241330A12

Recommended Dilutions:

FC: 5 µl per 10⁶ cells in a 100 µl
suspension

Excitation/Emission maxima
wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : PHA-treated human PBMCs,

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, pH7.3

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

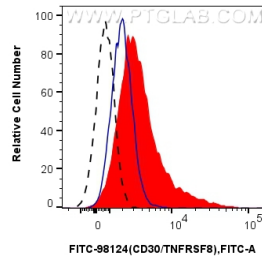
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 PHA-treated human PBMCs were surface stained with 5 μ l FITC Plus Anti-Human CD30/TNFRSF8 Rabbit RecAb (FITC-98124, Clone: 241330A12) (red) or FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). 1×10^6 untreated human PBMCs were surface stained with 5 μ l FITC Plus Anti-Human CD30/TNFRSF8 Rabbit RecAb (FITC-98124, Clone: 241330A12) (black, dashed). Cells were not fixed.