

Purified Anti-Human TdT Antibody[41A]

catalog number: AN011330P

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

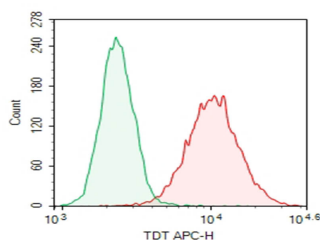
Reactivity	Human
Immunogen	Recombinant Human TdT protein
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	41A
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM	2 µg/mL (0.5×10 ⁶ -1×10 ⁶ cells)
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Data



REH cells were stained with 0.2 µg Purified Anti-Human TdT Antibody[41A] (Right) and 0.2 µg Mouse IgG2a, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Terminal deoxynucleotidyl transferase (TdT), also known as DNA nucleotidylexotransferase (DNNT) or terminal transferase, is a member of the DNA polymerase type-X family and encodes a template-independent DNA polymerase that catalyzes the addition of deoxynucleotides to the 3'-hydroxyl terminus of oligonucleotide primers. TdT is a specialized DNA polymerase expressed early in pre-B and pre-T lymphoid cell development, and in acute lymphoblastic leukemia/lymphoma cells. TdT contributes to the generation of junctional diversity by synthesizing non-germ line elements (N-regions) at the junctions of rearranged Ig heavy chain and T cell receptor gene segments.

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