

Mouse TdT Monoclonal Antibody | anti-TdT antibody

TdT antibody (PE)

CATALOG # AAA107237	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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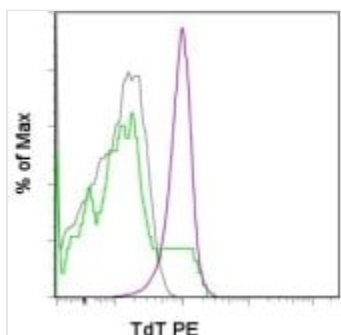
PRODUCT SYNONYMS

TdT; Monoclonal Antibody; TdT antibody (PE); Monoclonal TdT; Anti-TdT; terminal deoxynucleotidyl transferase; Anti TdT; anti-TdT antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	19-3
Specificity	Mouse
Form/Format	Liquid in PBS, pH 7.2, with 0.1% Gelatin and 0.09% Sodium Azide
Concentration	0.2 mg/mL (varies by lot)
Applicable Applications for anti-TdT antibody	FCM/FACS (Flow Cytometry)
Biological Significance	This 19-3 monoclonal antibody recognizes human and mouse terminal-deoxynucleotidyl transferase, a 60 kDa polymerase responsible for the template-independent addition of N-nucleotides at gene segment junctions of developing lymphocytes. Expression is found in the nucleus of immature lymphocytes but not in mature lymphocytes or non-lymphoid cells. Tdt plays a critical role during TCR and Ig gene rearrangement. Regulation of expression in the mouse thymus correlates with T cell selection decreased or absent after positive selection. Additionally Tdt has been shown to be present in lymphoma or lymphoblastic leukemia cells.
Tag/Conjugate	PE
Species Reactivity/Cross-Reactivity	Human, Mouse
Preparation and Storage	4°C, store in dark, DO NOT FREEZE

IMAGES



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis using TdT antibody staining of C57BL/6 thymocytes with CD4 antibody (FITC) and CD8a antibody PE-CP-Cy5.5 followed by fixation permeabilization with the Foxp3 Staining Buffers and subsequent staining with 0.25 ug of Anti-Mouse TdT (PE) (purple histogram). CD4 single positives are shown in gray and CD8 single positives in green.

ADDITIONAL INFORMATION

Related Product Information for anti-TdT antibody	Mouse monoclonal TdT antibody (PE)
Product Categories/Family for anti-TdT antibody	DNA & RNA; Conjugated Monoclonal Antibodies

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ttd-antibody-clone-19-3-flow-cytometry-elisa/107237>