

## DATASHEET

# TdT Mouse Monoclonal Antibody(C2673)

CAT. NO. AMA02285

### KEY FEATURES

Target	TdT	Source / Host	Mouse
Reactivity	Human, Rat	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

### BACKGROUND

Template-independent DNA polymerase which catalyzes the random addition of deoxynucleoside 5'-triphosphate to the 3'-end of a DNA initiator. One of the in vivo functions of this enzyme is the addition of nucleotides at the junction (N region) of rearranged Ig heavy chain and T-cell receptor gene segments during the maturation of B- and T-cells.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
FC	1:100 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Description	Mouse monoclonal to TdT
Specificity	Recognizes endogenous levels of TdT protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TdT expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 59 kD; Observed: 57 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	TDT; DNA nucleotidyltransferase; Terminal addition enzyme; Terminal deoxynucleotidyltransferase; Terminal transferase
Gene Symbol	DNTT
Entrez Gene	1791(Human)
SwissProt	P04053(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

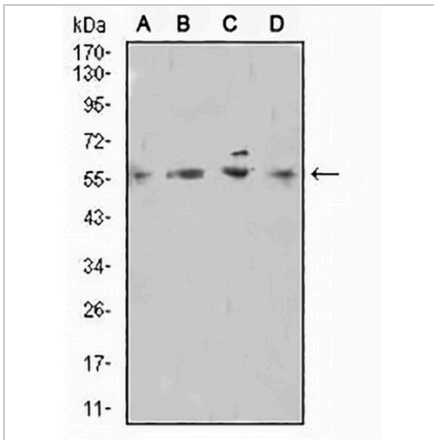
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

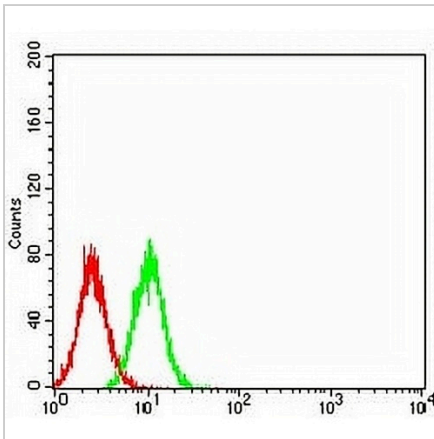
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**DATA**



Western blot analysis of TdT expression in Raji (A), A549 (B), HeLa (C), PC12 (D) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 57 kD)



Flow cytometric analysis of HeLa cells using Anti-TdT Antibody (green) and negative control (red).

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.