

Datasheet for ABIN5542551  
**anti-TdT antibody (AA 52-192)**

## 5 Images

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## Overview

Quantity:	0.1 mg
Target:	TdT (DNNT)
Binding Specificity:	AA 52-192
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TdT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Purified recombinant fragment of human DNNT (AA: 52-192) expressed in E. coli.
Clone:	4B10A6
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	TdT (DNNT)
Alternative Name:	DNNT ( <a href="#">DNNT Products</a> )
Background:	Description: This gene is a member of the DNA polymerase type-X family and encodes a

## Target Details

template-independent DNA polymerase that catalyzes the addition of deoxynucleotides to the 3'-hydroxyl terminus of oligonucleotide primers. In vivo, the encoded protein is expressed in a restricted population of normal and malignant pre-B and pre-T lymphocytes during early differentiation, where it generates antigen receptor diversity by synthesizing non-germ line elements (N-regions) at the junctions of rearranged Ig heavy chain and T cell receptor gene segments. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. ,

Aliases: TDT

Molecular Weight: 58.5 kDa

Gene ID: 1791

HGNC: 1791

Pathways: [DNA Damage Repair](#)

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: , FCM: 1:200 - 1:400

Restrictions: For Research Use only

## Handling

Format: Liquid

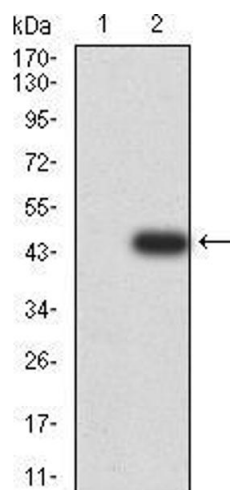
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

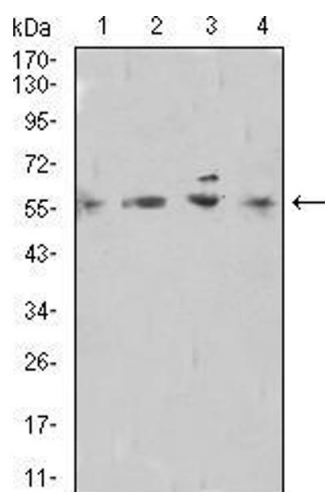
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



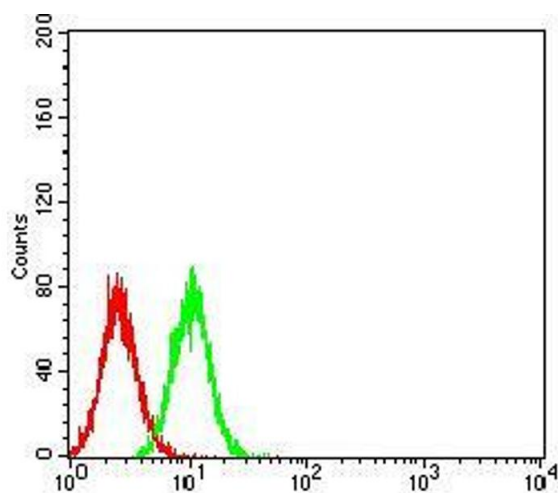
#### Western Blotting

**Image 1.** Western blot analysis using DNTT mAb against HEK293 (1) and DNTT (AA: 52-192)-hlgGFc transfected HEK293 (2) cell lysate.



#### Western Blotting

**Image 2.** Western blot analysis using DNTT mouse mAb against Raji (1), A549 (2), Hela (3), and PC-12 (4) cell lysate.



#### Flow Cytometry

**Image 3.** Flow cytometric analysis of \*\*\* cells using Hela mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542551.