

Datasheet for ABIN5542550
anti-TdT antibody (AA 52-192)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	TdT (DNNT)
Binding Specificity:	AA 52-192
Reactivity:	Human
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:	4B10C3
Isotype:	IgG1
Purification:	purified

Target Details

Target:	TdT (DNNT)
Alternative Name:	DNNT (DNNT Products)
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:

Restrictions: For Research Use only

Handling

Format: Liquid

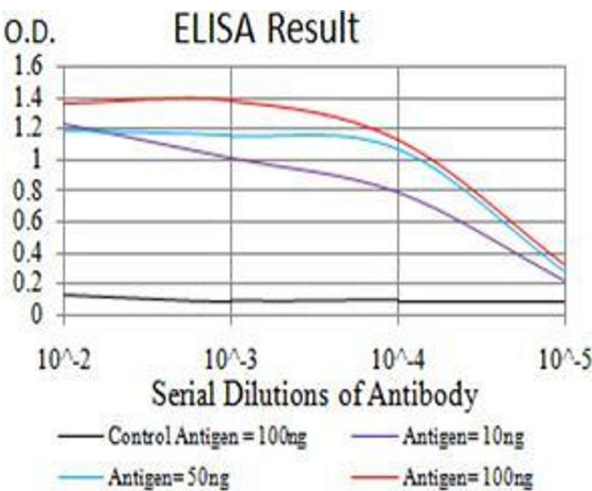
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

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

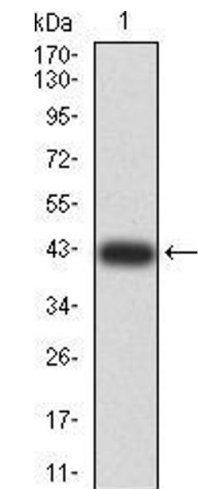
Storage: 4 °C/-20 °C

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



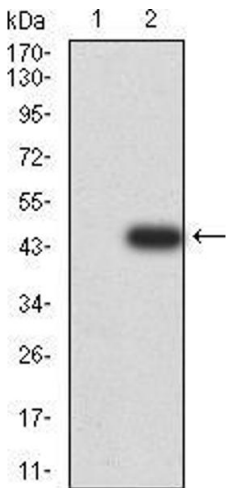
ELISA

Image 1. Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western Blotting

Image 2. Western blot analysis using DNTT mAb against human DNTT (AA: 52-192) recombinant protein. (Expected MW is 42 kDa)



Western Blotting

Image 3. Western blot analysis using DNTT mAb against HEK293 (1) and DNTT (AA: 52-192)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5542550.