

## Product datasheet

# Anti-TdT antibody [41A] ab68886

[1 References](#) [3 Images](#)

### Overview

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<b>Product name</b>	Anti-TdT antibody [41A]
<b>Description</b>	Mouse monoclonal [41A] to TdT
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Thymus.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.05% Sodium azide Constituents: 1% BSA, PBS
<b>Purity</b>	IgG fraction
<b>Purification notes</b>	This antibody was purified using a AKTA prime.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	41A
<b>Isotype</b>	IgG2a

### Applications

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## The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab68886 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100.
WB		1/100. Detects a band of approximately 60 kDa (predicted molecular weight: 58 kDa).

## Target

### Function

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.

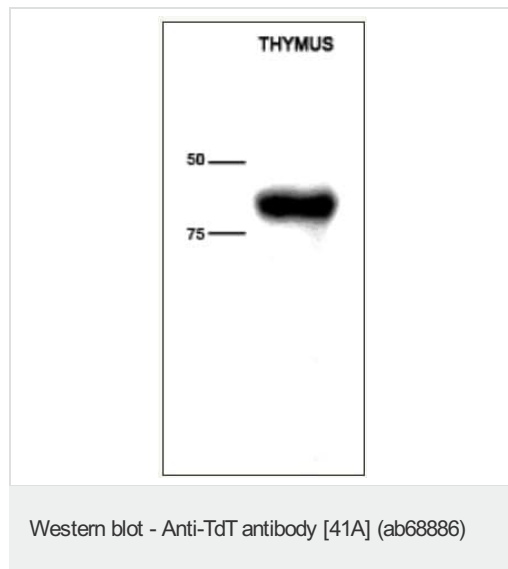
### Sequence similarities

Belongs to the DNA polymerase type-X family.  
Contains 1 BRCT domain.

### Cellular localization

Nucleus.

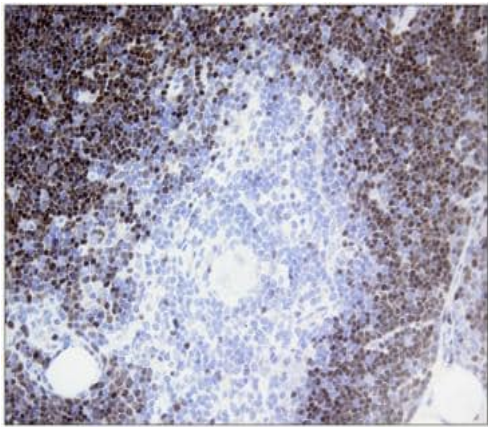
## Images



Anti-TdT antibody [41A] (ab68886) at 1/100 dilution + Thymus extracts

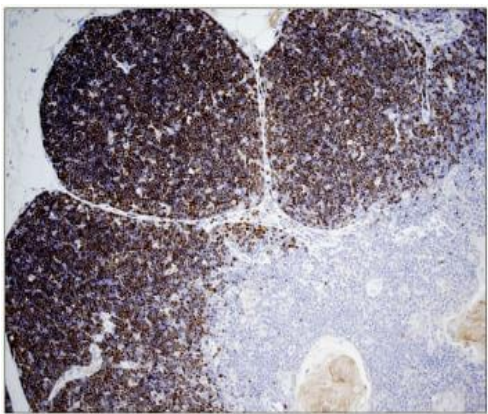
**Predicted band size:** 58 kDa

**Observed band size:** 60 kDa



Ab68886 (1:100) staining human TdT in human thymus by immunohistochemistry using formalin fixed, paraffin embedded tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TdT antibody [41A] (ab68886)



Ab68886 (1:100) staining TdT in human thymus tissue by immunohistochemistry using formalin fixed, paraffin embedded tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TdT antibody [41A] (ab68886)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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