

## Product datasheet

### Anti-POLD3 antibody [EP9480] ab182564

Recombinant RabMAb

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

#### Overview

<b>Product name</b>	Anti-POLD3 antibody [EP9480]
<b>Description</b>	Rabbit monoclonal [EP9480] to POLD3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: HeLa, 293T and Jurkat lysates. ICC: 293T cells.
<b>General notes</b>	<p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EP9480
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab182564 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

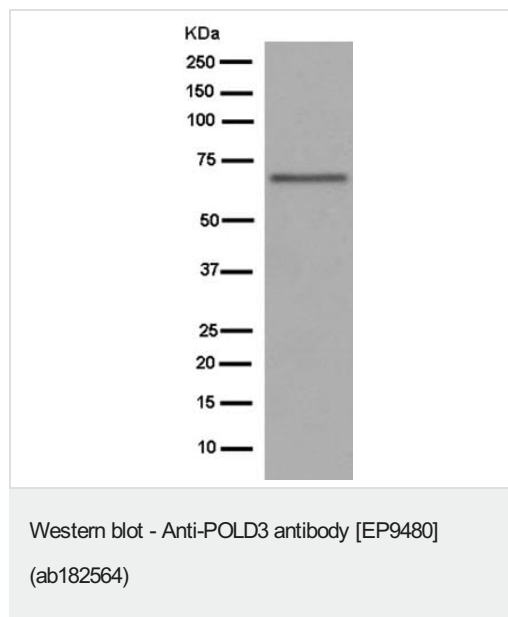
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 63 kDa (predicted molecular weight: 51 kDa).
ICC/IF		1/100.

## Target

**Function** Required for optimal DNA polymerase delta activity.

**Cellular localization** Nucleus.

## Images



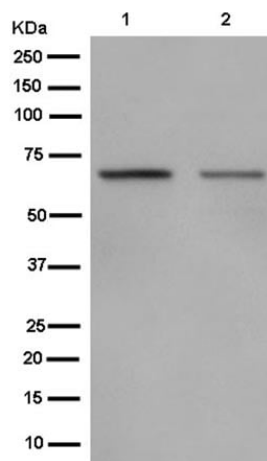
Anti-POLD3 antibody [EP9480] (ab182564) at 1/5000 dilution + Jurkat lysate at 10 µg

### Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

**Predicted band size:** 51 kDa

**Observed band size:** 63 kDa



Western blot - Anti-POLD3 antibody [EP9480] (ab182564)

**All lanes** : Anti-POLD3 antibody [EP9480] (ab182564) at 1/5000 dilution

**Lane 1** : HeLa lysate

**Lane 2** : 293T lysate

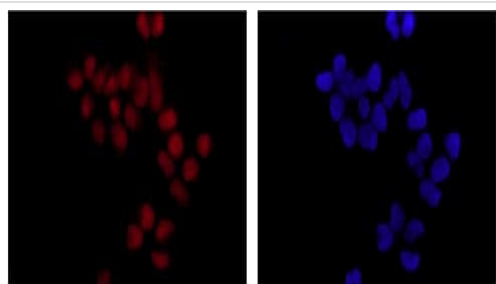
Lysates/proteins at 20 µg per lane.

#### Secondary

**All lanes** : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

**Predicted band size:** 51 kDa

**Observed band size:** 63 kDa



Immunocytochemistry/ Immunofluorescence - Anti-POLD3 antibody [EP9480] (ab182564)

Immunofluorescent analysis of 4% paraformaldehyde-fixed 293T cells labeling POLD3 with ab182564 at 1/100 dilution, followed by Goat anti rabbit IgG (Alexa Fluor®555) secondary antibody at 1/200 dilution (left panel). Right panel counter stained with Dapi (blue).

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

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