

## Product datasheet

### Anti-TLR8 antibody ab24185

[7 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-TLR8 antibody
<b>Description</b>	Rabbit polyclonal to TLR8
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide (Human) corresponding to 16 amino acids near the middle of human TLR8 (within the Leucine-rich repeat between residues 772 and 823).
<b>Positive control</b>	Daudi cell lysate.
<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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	<p>pH: 7.2</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p>
<b>Purity</b>	Affinity purified
<b>Purification notes</b>	Purified by Ion exchange chromatography.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab24185 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
ICC/IF		Use a concentration of 2 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 119 kDa.

## Target

### Function

Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific of microorganisms. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

### Tissue specificity

Detected in brain, heart, lung, liver, placenta, in monocytes, and at lower levels in CD11c+ immature dendritic cells.

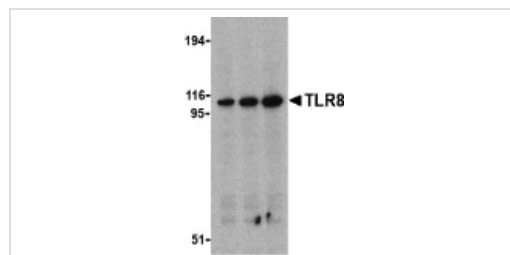
### Sequence similarities

Belongs to the Toll-like receptor family.  
Contains 23 LRR (leucine-rich) repeats.  
Contains 1 LRRCT domain.  
Contains 1 TIR domain.

### Cellular localization

Membrane.

## Images



Western blot - Anti-TLR8 antibody (ab24185)

**Lane 1 :** Anti-TLR8 antibody (ab24185) at 0.5 µg/ml

**Lane 2 :** Anti-TLR8 antibody (ab24185) at 1 µg/ml

**Lane 3 :** Anti-TLR8 antibody (ab24185) at 2 µg/ml

**All lanes :** Daudi Cell lysate

**Predicted band size:** 119 kDa

**Observed band size:** 110 kDa



**ab25185** at 2µg/ml staining TLR8 in Daudi cells by ICC/IF

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

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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