

## Product datasheet

# Anti-CD8 beta antibody ab191905

[1 References](#) [1 Image](#)

### Overview

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<b>Product name</b>	Anti-CD8 beta antibody
<b>Description</b>	Rabbit polyclonal to CD8 beta
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human CD8 beta. Database link: <a href="#">P10966</a>
<b>Positive control</b>	Jurkat, RAW 264.7 and H9C2 whole cell lysates.
<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.0975% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab191905 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab191905 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		Use at an assay dependent concentration. Detects a band of approximately 26 kDa (predicted molecular weight: 24 kDa).

## Target

### Function

Identifies cytotoxic/suppressor T-cells that interact with MHC class I bearing targets. CD8 is thought to play a role in the process of T-cell mediated killing.

### Tissue specificity

Isoform 1, isoform 3, isoform 5, isoform 6, isoform 7 and isoform 8 are expressed in both thymus and peripheral CD8+ T-cells. Expression of isoform 1 is higher in thymus CD8+ T-cells than in peripheral CD8+ T-cells. Expression of isoform 6 is higher in peripheral CD8+ T-cells than in thymus CD8+ T-cells.

### Sequence similarities

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

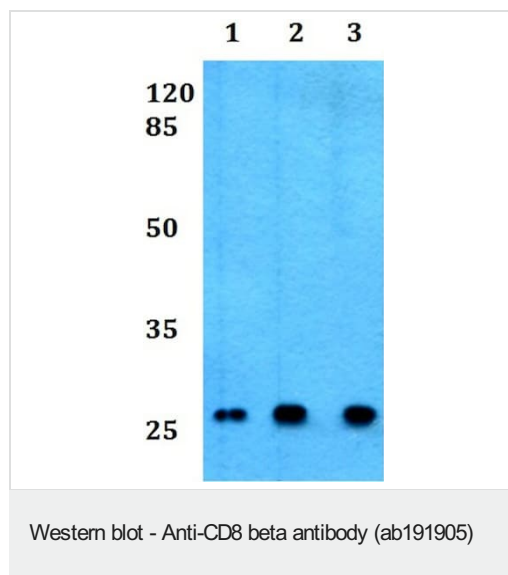
### Post-translational modifications

Phosphorylated as a consequence of T-cell activation.

### Cellular localization

Secreted and Cell membrane.

## Images



**All lanes :** Anti-CD8 beta antibody (ab191905)

**Lane 1 :** Jurkat whole cell lysate

**Lane 2 :** RAW 264.7 whole cell lysate

**Lane 3 :** H9C2 whole cell lysate

**Predicted band size:** 24 kDa

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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