

Product datasheet

Anti-CD3 epsilon antibody ab187281

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Overview

Product name	Anti-CD3 epsilon antibody
Description	Rabbit polyclonal to CD3 epsilon
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to Human CD3 epsilon. Database link: P07766
Positive control	Jurkat cell lysate; mouse thymus lysate.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.05% BSA, 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab187281 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 a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 23 kDa.

Target

Function

The CD3 complex mediates signal transduction.

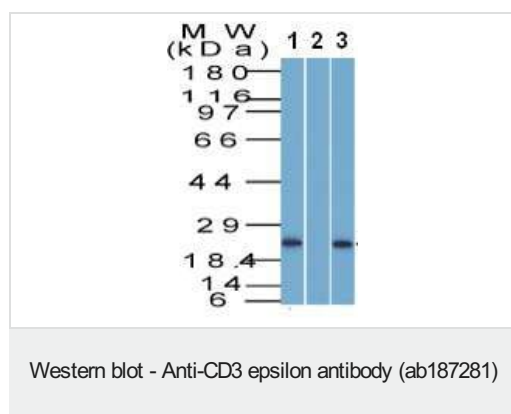
Sequence similarities

Contains 1 Ig-like (immunoglobulin-like) domain.
Contains 1 ITAM domain.

Cellular localization

Membrane.

Images



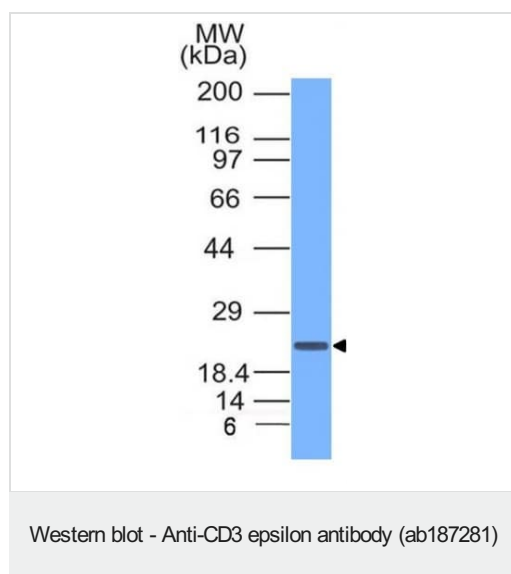
All lanes : Anti-CD3 epsilon antibody (ab187281) at 1 µg/ml

Lane 1 : Jurkat cell lysate

Lane 2 : Jurkat cell lysate with immunizing peptide

Lane 3 : Mouse thymus lysate

Predicted band size: 23 kDa



Anti-CD3 epsilon antibody (ab187281) at 2 µg/ml + Jurkat cell lysate (human T cell leukemia cell line from peripheral blood)

Predicted band size: 23 kDa

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

- 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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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors