

Product datasheet

Anti-CD3 epsilon antibody [E272] ab32186

Recombinant RabMAb

3 Images

Overview

Product name	Anti-CD3 epsilon antibody [E272]
Description	Rabbit monoclonal [E272] to CD3 epsilon
Host species	Rabbit
Tested applications	Suitable for: IHC-P, IP Unsuitable for: Flow Cyt or WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human CD3 epsilon aa 150-250 (C terminal). The exact sequence is proprietary.
Positive control	IP: Jurkat cell lysate IHC-P: Human lymph node.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal

Clone number E272
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab32186 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 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		1/50.

Application notes Is unsuitable for Flow Cyt or WB.

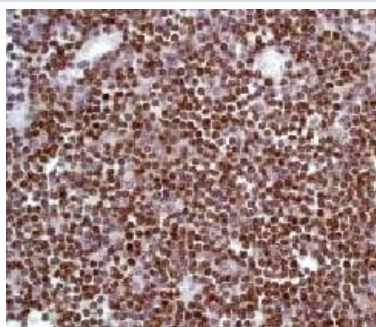
Target

Function The CD3 complex mediates signal transduction.

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

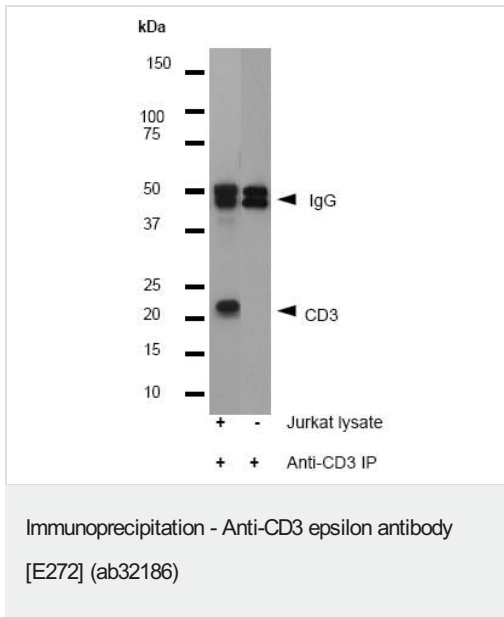
Cellular localization Membrane.

Images



Ab32186, at a 1/100 dilution, staining CD3 epsilon in paraffin embedded human lymph node tissue by Immunohistochemistry.
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD3 epsilon antibody [E272] (ab32186)



Western blot analysis of immunoprecipitation pellets from Jurkat cell lysate or PBS (lane 2: negative control), using ab32186 at a 1/50 dilution. The predicted band size of 23 kDa was observed.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-CD3 epsilon antibody [E272] (ab32186)

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.

Terms and conditions

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