


Product datasheet

Anti-CD103 antibody [Ber-ACT8], prediluted (APC)  
 ab176500

1 Image

Overview

<b>Product name</b>	Anti-CD103 antibody [Ber-ACT8], prediluted (APC)
<b>Description</b>	Mouse monoclonal [Ber-ACT8] to CD103, prediluted (APC)
<b>Host species</b>	Mouse
<b>Conjugation</b>	APC. Ex: 645nm, Em: 660nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human  <b>Predicted to work with:</b> Non human primates 
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human CD103. (HTLV-1 induced human T cell line MAPS16).
<b>Positive control</b>	Human blood cells.
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as 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. Store In the Dark.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.098% Sodium azide Constituents: 0.2% BSA, 99% PBS
<b>Purity</b>	Size exclusion
<b>Purification notes</b>	Purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	Ber-ACT8
<b>Isotype</b>	IgG1

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab176500** 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
Flow Cyt		Use 10µl for 10 <sup>6</sup> cells. (or 100 µl of whole blood).

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## Target

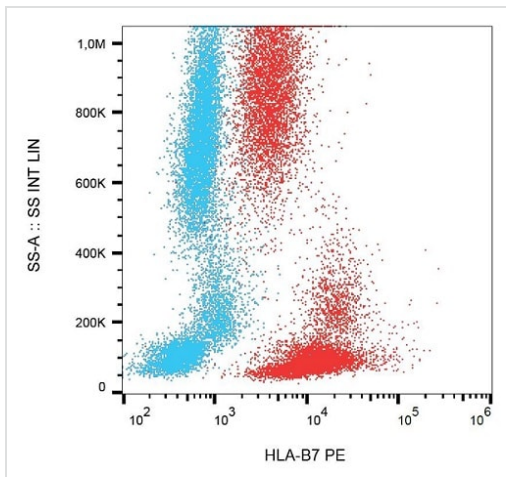
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<b>Function</b>	Integrin alpha-E/beta-7 is a receptor for E-cadherin. It mediates adhesion of intra-epithelial T-lymphocytes to epithelial cell monolayers.
<b>Tissue specificity</b>	Expressed on a subclass of T-lymphocytes known as intra-epithelial lymphocytes which are located between mucosal epithelial cells.
<b>Sequence similarities</b>	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
<b>Domain</b>	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
<b>Cellular localization</b>	Membrane.

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## Images

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Surface staining of CD103 on human peripheral blood cells with anti-CD103 (ab176500) Allophycocyanin.

Flow Cytometry - Anti-CD103 antibody [Ber-ACT8], prediluted (Allophycocyanin) (ab176500)

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

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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
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