

## Product datasheet

# Anti-CD1a antibody [O10] ab17186

[1 Image](#)

### Overview

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<b>Product name</b>	Anti-CD1a antibody [O10]
<b>Description</b>	Mouse monoclonal [O10] to CD1a
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to CD1a. Thymus cells.
<b>Positive control</b>	IHC-P: Human tonsil tissue.
<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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.3 Preservative: 0.05% Sodium azide Constituents: Tissue culture supernatant, 1% BSA
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	O10
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

### Applications

## Applications

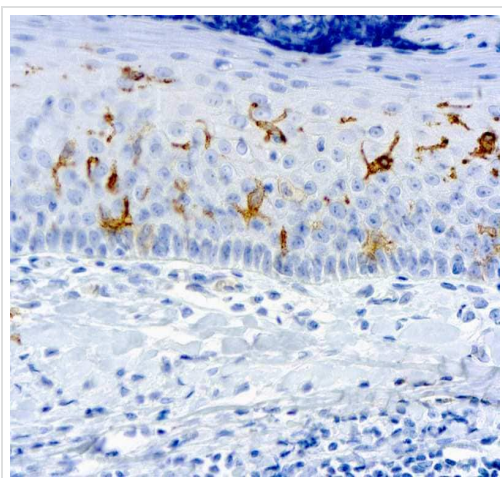
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab17186 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/25 - 1/50. Pretreat tissue with EDTA buffer pH 8. Incubate with primary antibody for 30 minutes at room temperature.

## Target

<b>Function</b>	Antigen-presenting protein that binds self and non-self lipid and glycolipid antigens and presents them to T-cell receptors on natural killer T-cells.
<b>Tissue specificity</b>	Expressed on cortical thymocytes, epidermal Langerhans cells, dendritic cells, on certain T-cell leukemias, and in various other tissues.
<b>Sequence similarities</b>	Contains 1 Ig-like (immunoglobulin-like) domain.
<b>Cellular localization</b>	Cell membrane. Endosome membrane. Subject to intracellular trafficking between the cell membrane and endosomes. Localizes to cell surface lipid rafts.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human tonsil tissue labeling CD1a with ab17186.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD1a antibody [O10] (ab17186)

**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

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- 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

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