

## Product datasheet

# Anti-C10 antibody [EPR14614] ab191400

Recombinant RabMAb

[1 References](#) [4 Images](#)

### Overview

<b>Product name</b>	Anti-C10 antibody [EPR14614]
<b>Description</b>	Rabbit monoclonal [EPR14614] to C10
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Recombinant mouse C10 protein, mouse and rat spleen tissues.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### Properties

<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: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR14614
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab191400 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		1/1000 - 1/10000. Detects a band of approximately 13 kDa (predicted molecular weight: 13 kDa).
IHC-P		1/1000 - 1/2000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

## Target

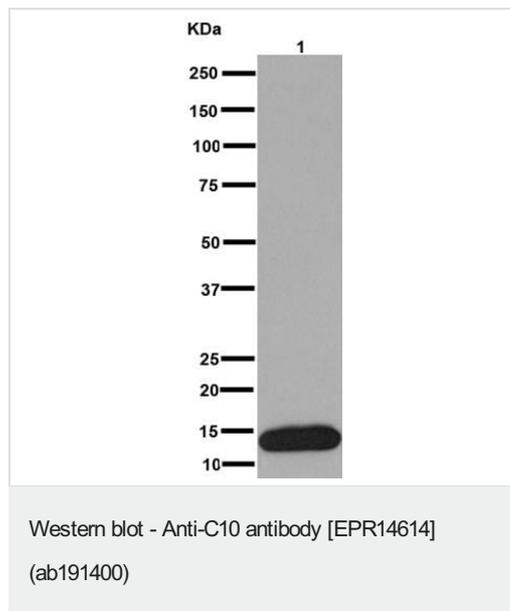
### Relevance

CCL6 (C10) is a small cytokine belonging to the CC chemokine family that has only been identified in rodents. It is a potent chemoattractant of macrophages, but it can also attract B cells, CD4+ lymphocytes and eosinophils. In mice, CCL6 is expressed in cells from neutrophil and macrophage lineages, and can be induced under conditions suitable for myeloid cell differentiation. CCL6 (C10) was originally identified as a transcript that is induced in bone marrow cells upon stimulation of GM-CSF. The cell surface receptor for CCL6 is believed to be the chemokine receptor CCR1.

### Cellular localization

Secreted

## Images



Anti-C10 antibody [EPR14614] (ab191400) at 1/10000 dilution +  
Recombinant mouse C10 protein at 20 µg

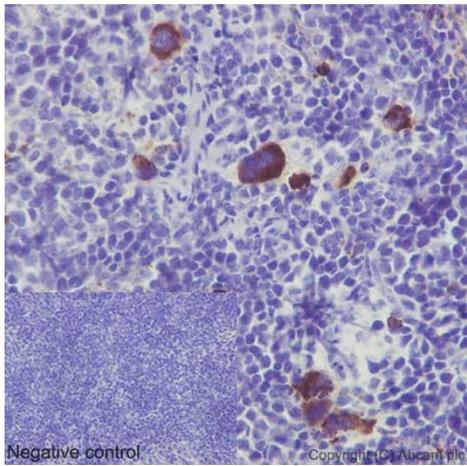
### Secondary

goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000  
dilution

Developed using the ECL technique.

**Predicted band size:** 13 kDa

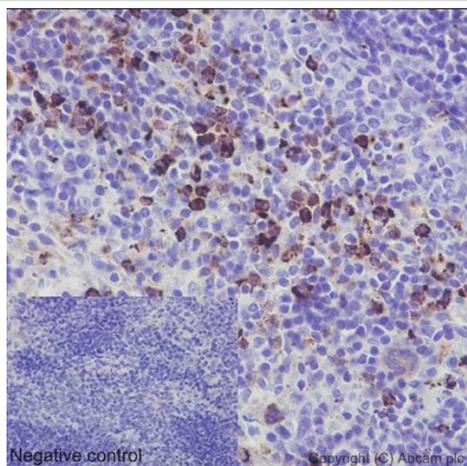
**Observed band size:** 13 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C10 antibody  
[EPR14614] (ab191400)

Immunohistochemical analysis of paraffin-embedded, mouse spleen tissue labeling C10 with ab191400 at a 1/2000 dilution (0.6µg/ml). Counter stained with hematoxylin. In the negative control PBS was used instead of primary antibody.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C10 antibody  
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Immunohistochemical analysis of paraffin-embedded, rat spleen tissue labeling C10 with ab191400 at a 1/2000 dilution (0.6µg/ml). Counter stained with hematoxylin. In the negative control PBS was used instead of primary antibody.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Anti-C10 antibody [EPR14614] (ab191400)

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

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