

## Product datasheet

# Anti-CCL23 antibody [EPR11364] - BSA and Azide free ab249623

Recombinant RabMAb

3 Images

### Overview

<b>Product name</b>	Anti-CCL23 antibody [EPR11364] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR11364] to CCL23 - BSA and Azide free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB <b>Unsuitable for:</b> IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Does not react with:</b> Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within Human CCL23 aa 1-100. The exact sequence is proprietary. Database link: <a href="#">P55773</a>
<b>General notes</b>	<p>ab249623 is the carrier-free version of <a href="#">ab170958</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Affinity purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR11364
<b>Isotype</b>	IgG

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab249623 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
<b>ICC/IF</b>		Use at an assay dependent concentration.
<b>WB</b>		Use at an assay dependent concentration. Predicted molecular weight: 13 kDa.

**Application notes** Is unsuitable for IHC-P or IP.

## Target

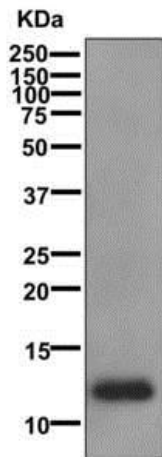
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<b>Function</b>	Shows chemotactic activity for monocytes, resting T-lymphocytes, and neutrophils, but not for activated lymphocytes. Inhibits proliferation of myeloid progenitor cells in colony formation assays. This protein can bind heparin. Binds CCR1. CCL23(19-99), CCL23(22-99), CCL23(27-99), CCL23(30-99) are more potent chemoattractants than the small-inducible cytokine A23.
<b>Tissue specificity</b>	High levels in adult lung, liver, skeletal muscle and pancreas. Moderate levels in fetal liver, adult bone marrow and placenta. The short form is the major species and the longer form was detected only in very low abundance. CCL23(19-99), CCL23(22-99), CCL23(27-99), CCL23(30-99) are found in high levels in synovial fluids from rheumatoid patients.
<b>Sequence similarities</b>	Belongs to the intercrine beta (chemokine CC) family.
<b>Cellular localization</b>	Secreted.

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## Images

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Western blot - Anti-CCL23 antibody [EPR11364] - BSA and Azide free (ab249623)

Anti-CCL23 antibody [EPR11364] (**ab170958**) at 1/1000 dilution + Human CCL23 recombinant protein (5ng)

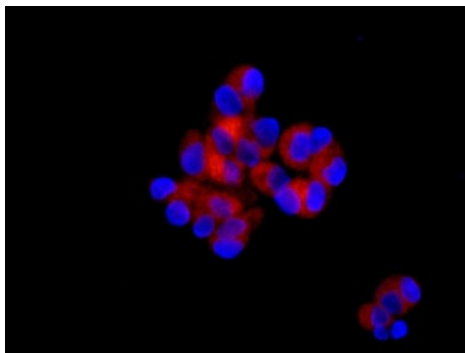
**Secondary**

Goat anti-rabbit HRP at 1/2000 dilution

Developed using the ECL technique.

**Predicted band size:** 13 kDa



This data was developed using **ab170958**, the same antibody clone in a different buffer formulation.



Immunocytochemistry/ Immunofluorescence - Anti-CCL23 antibody [EPR11364] - BSA and Azide free (ab249623)

This data was developed using **ab170958**, the same antibody clone in a different buffer formulation. Immunofluorescence analysis of HepG2 cells, labeling CCL23 (red) using **ab170958** at a 1/100 dilution. DAPI nuclear staining (blue).

Why choose a recombinant antibody?

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

Anti-CCL23 antibody [EPR11364] - BSA and Azide free (ab249623)

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

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