

Product datasheet

Anti-Metallophilic Macrophages antibody [MOMA-1]
ab183549

7 References 1 Image

Overview

Product name	Anti-Metallophilic Macrophages antibody [MOMA-1]
Description	Rat monoclonal [MOMA-1] to Metallophilic Macrophages
Host species	Rat
Specificity	No reactivity of ab183549 was found with dendritic cells, peritoneal resident macrophages, peritoneal exudate cells, bone marrow or blood cells. Distinct macrophage subpopulations of lymphoid organs express the antigen. In the spleen, they are localized at the marginal sinus forming a ring around the periarteriolar lymphocyte sheath and follicular areas at the inner side of marginal zones. In lymph nodes, they are localized in the sinusoids and medullary cords, but not within follicular areas or paracortex. In Peyer's patches they are localized in the interfollicular areas at the serosal side. Kupffer cells in the liver can be clearly stained by ab183549. No positive macrophages were found in the thymus, brain, kidney, liver, skin or heart. In non-lymphoid organs, the antigen is only found on a macrophage subpopulation in the lamina propria of the villi of the small intestine.
Tested applications	Suitable for: IHC-Fr Unsuitable for: IHC-P
Immunogen	Tissue, cells or virus corresponding to Mouse Metallophilic Macrophages. (Mouse lymph node tissue).
Positive control	Mouse spleen tissue.
General notes	<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 & 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 & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own</p>

labs or in those of our suppliers are not covered by the Abpromise guarantee.

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&As.

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.20 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 98% PBS, 1% BSA
Purity	Immunogen affinity purified
Clonality	Monoclonal
Clone number	MOMA-1
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab183549** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

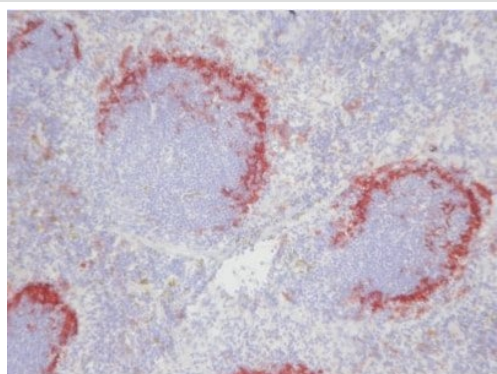
Application	Abreviews	Notes
IHC-Fr		1/200. (2µg/ml).

Application notes Is unsuitable for IHC-P.

Target

Relevance Metallophilic macrophages are a subpopulation of mature resident tissue macrophages. They show high non specific esterase activity and can be distinguished from splenic marginal zone macrophages by antibody staining and the lack of FITC-Ficoll uptake.

Images



Immunohistochemical analysis of frozen mouse spleen tissue labeling Metallophilic Macrophages with ab183549 at 1/200 dilution.

Immunohistochemistry (Frozen sections) - Anti-Metallophilic Macrophages antibody [MOMA-1] (ab183549)

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
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- 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.

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