

Anti-MARCO antibody [EPR22944-66] - BSA and Azide free ab259266

Recombinant RabMAb

5 Images

Overview

Product name	Anti-MARCO antibody [EPR22944-66] - BSA and Azide free
Description	Rabbit monoclonal [EPR22944-66] to MARCO - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, IHC-Fr, ICC/IF Unsuitable for: Flow Cyt or IP
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: J774A.1 treated with 1ug/ml Lipopolysaccharides, Mouse spleen and Mouse spleen treated with Peptide:N-glycosidase F lysates. IHC-P: Mouse spleen and Mouse liver tissues. ICC/IF: J744A.1 cells.
General notes	ab259266 is the carrier-free version of ab259264 .

Our **carrier-free** 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.

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.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR22944-66
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab259266 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

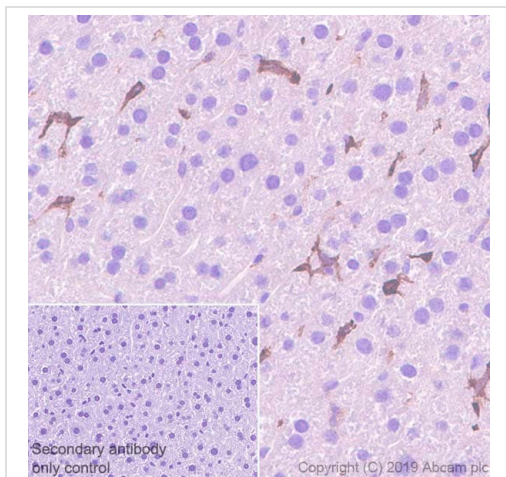
Application	Abreviews	Notes
WB		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.
IHC-Fr		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

Application notes Is unsuitable for Flow Cyt or IP.

Target

Function	Pattern recognition receptor (PRR). Binds Gram-positive and Gram-negative bacteria.
Sequence similarities	Contains 1 collagen-like domain. Contains 1 SRCR domain.
Cellular localization	Membrane.

Images



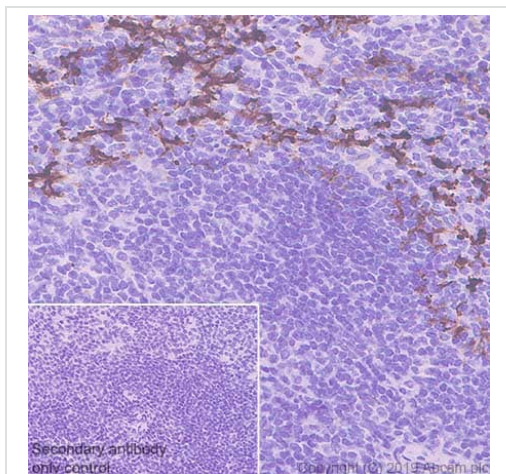
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MARCO antibody [EPR22944-66] - BSA and Azide free (ab259266)

Immunohistochemical analysis of paraffin-embedded Mouse liver tissue labeling MARCO with **ab259264** at 1/1000 dilution (0.501 ug/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on Kupffer cells of mouse liver. The section was incubated with **ab259264** for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20mins.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab259264**).



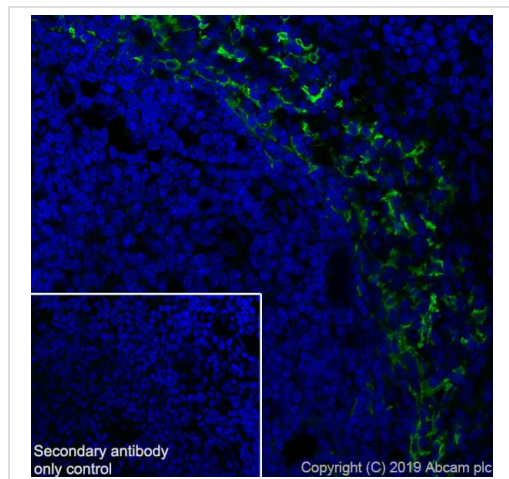
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MARCO antibody [EPR22944-66] - BSA and Azide free (ab259266)

Immunohistochemical analysis of paraffin-embedded Mouse spleen tissue labeling MARCO with **ab259264** at 1/1000 dilution (0.501 ug/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on macrophages of mouse spleen (PMID: 12874264, 15494482). The section was incubated with **ab259264** for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND®RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20mins.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab259264**).

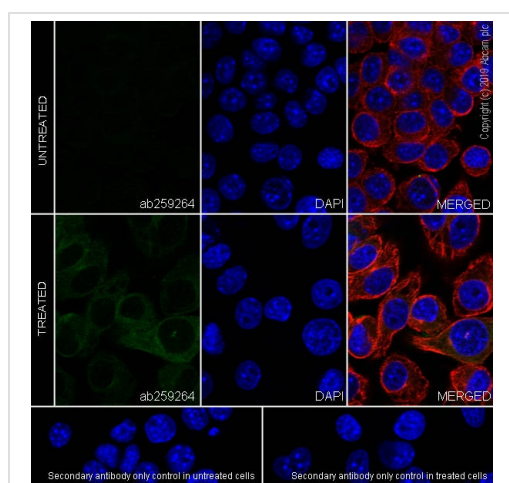


Immunohistochemistry (Frozen sections) - Anti-MARCO antibody [EPR22944-66] - BSA and Azide free (ab259266)

4% PFA-fixed, 0.2% Triton X-100 permeabilized frozen section of mouse spleen tissue labeling MARCO using **ab259264** at 1/500 dilution, followed by **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary antibody at 1/1000 dilution (green). The nuclear counter stain is DAPI (blue). Positive staining on mouse splenic marginal zone (PMID: 24670793).

Heat mediated antigen retrieval using sodium citrate buffer (10mM citrate pH 6.0 + 0.05% Tween-20).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab259264**).



Immunocytochemistry/ Immunofluorescence - Anti-MARCO antibody [EPR22944-66] - BSA and Azide free (ab259266)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized J744A.1 (Mouse reticulum cell sarcoma monocyte macrophage) cells labelling MARCO with **ab259264** at 1/50 (10 ug/ml) dilution, followed by Ab259264 anti-MARCO **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary antibody at 1/1000 (2 ug/ml) dilution (Green). UNABLE TO ENCODE THE VARIABLE PLEASE DO MANUALLY is observed. Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is Ab259264 anti-MARCO **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary at 1/1000 (2 ug/ml) dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab259264**).

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

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

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