

Rat MARCO Monoclonal Antibody | anti-MARCO antibody

RAT ANTI MOUSE MARCO

CATALOG # AAA12099	HOST Rat	APPLICATIONS Immunohistochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

MARCO; Monoclonal Antibody; RAT ANTI MOUSE MARCO; anti-MARCO antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	ED31
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	518
Applicable Applications for anti-MARCO antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Application Notes	Immunohistology - Frozen: Minimum Dilution: 1/200; Maximum Dilution: 1/400
Perservative Stabilisers	0.09% Sodium Azide
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	CHO cells expressing mouse MARCO
Fusion Partners	Spleen cells from immunised rats were fused with cells of the mouse SP2/0 myeloma cell line.
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
RRID	AB_2140591
Carrier Free	Yes
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

IMAGES



Application Data

Immunoperoxidase staining of a mouse lymph node cryosection with Rat anti Mouse MARCO antibody, clone ED31 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody . Low power



Application Data

Staining of mouse peritoneal macrophages with Rat anti Mouse MARCO: FITC



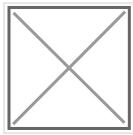
Application Data

Immunoperoxidase staining of a mouse lymph node cryosection with Rat anti Mouse MARCO antibody, clone ED31 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody . Medium power



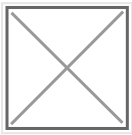
Application Data

Immunofluorescence staining of a mouse lymph node cryosection with Rat anti Mouse MARCO antibody, clone ED31 , green in A and Rat anti Mouse CD8 antibody, clone YTS105.18 , red in B. C is the merged image with nuclei counterstained blue using DAPI. Low power



Application Data

Immunofluorescence staining of a mouse lymph node cryosection with Rat anti Mouse MARCO antibody, clone ED31 , green in A and Rat anti Mouse CD8 antibody, clone YTS105.18 , red in B. C is the merged image with nuclei counterstained blue using DAPI. high power



Application Data

Immunoperoxidase staining of a mouse lymph node cryosection with Rat anti Mouse MARCO antibody, clone ED31 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody . High power

ADDITIONAL INFORMATION

Related Product Information for anti-MARCO antibody	Rat anti Mouse MARCO antibody, clone ED31 recognizes the murine cell surface antigen designated MARCO (Macrophage receptor with collagenous structure), which is a member of the class A scavenger receptor family.
	MARCO is expressed by distinct populations of macrophages in the spleen and lymph nodes, but is rapidly induced on macrophages in other tissues (e.g. Liver Kupffer cells) during infection or LPS treatment.
	Rat anti Mouse MARCO antibody, clone ED31 binds to the C-terminal cysteine rich domain of MARCO, and has been shown to block ligand binding.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754640
NCBI GeneID	17167
NCBI Accession #	NP_034896.1
NCBI GenBank Nucleotide #	NM_010766.2
UniProt Accession #	Q60754
NCBI Official Full Name	macrophage receptor MARCO
NCBI Official Synonym Full Names	macrophage receptor with collagenous structure
NCBI Official Symbol	Marco
NCBI Official Synonym Symbols	Ly112; Scara2; AI323439
NCBI Protein Information	macrophage receptor MARCO
UniProt Protein Name	Macrophage receptor MARCO

UniProt Gene Name	Marco
UniProt Entry Name	MARCO_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/marco-antibody-clone-ed31-immunohistochemistry-immunofluorescence-western-blot-elisa/12099>