

Rat CD301 Monoclonal Antibody | anti-CD301 antibody

RAT ANTI MOUSE CD301

CATALOG # AAA49672	HOST Rat	APPLICATIONS Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry
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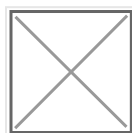
PRODUCT SYNONYMS

CD301; Monoclonal Antibody; RAT ANTI MOUSE CD301; anti-CD301 antibody

PRODUCT SPECIFICATIONS

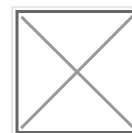
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	ER-MP23
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-CD301 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Balb/c macrophage precursor cell hybrids Fusion Partners
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Shelf Life: 18 months from date of despatch.

IMAGES



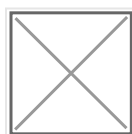
Application Data

Immunoperoxidase staining of a mouse lymph node with Rat anti Mouse CD301 antibody, clone ER-MP23 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody .
High power



Application Data

Immunoperoxidase staining of a mouse lymph node with Rat anti Mouse CD301 antibody, clone ER-MP23 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody .
Medium power



Application Data

Immunoperoxidase staining of a mouse lymph node with Rat anti Mouse CD301 antibody, clone ER-MP23 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody .
Low power

ADDITIONAL INFORMATION

Related Product Information for anti-CD301 antibody	Rat anti Mouse CD301 antibody, clone ER-MP23 recognizes murine CD301, a 38 kD cell surface protein that is otherwise known as macrophage galactose N-acetylgalactosamine lectin (MGL) or dendritic cell asialoglycoprotein (DC-ASGPR). In mice, CD301 is predominantly expressed on mature macrophages found associated with a wide range of connective tissues including macrophages in the dermis and the pancreas. Clone ER-MP23 also detects a population of dendritic cells in lymphoid tissue, which are probably recent immigrants from peripheral connective tissue sites. Expression of CD301 is induced by alternative (i.e. IL-4/IL-13 mediated) activation of macrophages and dendritic cells, but not all CD301 positive cells are necessarily IL-4/IL-13 stimulated. Clone ER-MP23 is reported to block the function of mouse CD301. The antibody binds both MGL1 and MGL2 homologues.
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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/cd301-antibody-clone-er-mp23-immunohistochemistry-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/49672>