

Mouse anti-Rat Endothelium Monoclonal Antibody

Anti-Rat Endothelium Biotin (Clone OX-43) (mouse IgG1)

CATALOG # AAA74171	HOST Mouse	REACTIVITY Rat	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry
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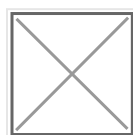
PRODUCT SYNONYMS

Endothelium; Monoclonal Antibody; Anti-Rat Endothelium Biotin (Clone OX-43) (mouse IgG1); Endothelium Biotin (Clone OX-43) (mouse IgG1); Anti-Rat Endothelium Monoclonal Antibody; anti-Endothelium antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	OX-43
Specificity	Endothelium (Rat Endothelium)
Form/Format	Biotin
Concentration	0.1 mg/ml (varies by lot)
Applicable Applications for anti-Endothelium antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen	Rat Peritoneal Macrophages
Fusion Partner	NSO/U
Immunocyte Donor	BALB/c Spleen
Presentation	Biotin/FITC/PE conjugated IgG buffered in PBS, 0.02% NaN3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.
Preparation and Storage	Store Ascites at -20 degree C. For all other formats, store at 4 degree C. DO NOT FREEZE PE conjugates. For long term storage (Purified, Biotin and FITC), aliquot and freeze unused portion at -20 degree C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-Endothelium antibody	anti-rat endothelium monoclonal antibody recognizes a surface protein of MW 90 kDa and generally reacts with all vascular endothelium in the rat except that of brain capillaries (1). This is the reciprocal tissue pattern to that of the transferrin receptor. It has been shown that the expression is on the luminal surface of blood vessels. labels all peritoneal macrophages, a sub-population of alveolar macrophages (65%) and rare interstitial cells in the brain and heart (1). In addition, anti-rat endothelium monoclonal antibody labels circulating erythrocytes, 22% of peripheral blood mononuclear cells and 17% of nucleated cells in bone marrow (1). does not label granulocytes, dendritic cells, lymphocytes, or lymphocyte blasts, thymocytes, lymph node cells, mast cells and platelets and has been invaluable in the demonstration of molecular heterogeneity of vascular endothelium.
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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/endothelium-antibody-clone-ox-43-flow-cytometry-immunohistochemistry-elisa/74171>