

Mouse CD63 Monoclonal Antibody | anti-CD63 antibody

MOUSE ANTI RAT CD63

CATALOG # AAA49778	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay
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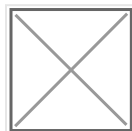
PRODUCT SYNONYMS

CD63; Monoclonal Antibody; MOUSE ANTI RAT CD63; anti-CD63 antibody

PRODUCT SPECIFICATIONS

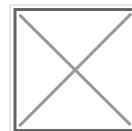
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	AD1
Form/Format	Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	238
Applicable Applications for anti-CD63 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	RBL-2H3 rat basophilic leukemia cell line.
Preservative Stabilizers	0.09% Sodium Azide (NaN ₃)
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Fusion Partners	Spleen cells from immunized BALB/c mice were fused with cells of the X63-Ag8-653 myeloma cell line.
Buffer Solution	Phosphate buffered saline
Target Species	Rat
Carrier Free	Yes
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. Should this product contain a precipitate we recommend microcentrifugation before use.

IMAGES



Application Data

Rat peritoneal macrophages stained with Mouse anti Rat CD63:Alexa Fluor647



Application Data

Rat peripheral blood platelets stained with Mouse anti Rat CD63 Alexa Fluor488



Application Data

Rat peripheral blood platelets stained with Mouse anti Rat CD63:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD63 antibody

Mouse anti Rat CD63 antibody, clone AD1 specifically recognizes rat CD63, an intracellular type-III lysosomal glycoprotein and member of the tetraspanin (TM4SF) family, which is translocated to the cell surface upon activation of platelets, and therefore a potential indicator of platelet activation. Rat CD63 is expressed on mast cells, and studies using clone AD1, have shown that it is located near to FcER1. Mouse anti Rat CD63 antibody, clone AD1 partially inhibits IgE-mediated histamine release (Kitani et al. 1991).

NCBI AND UNIPROT INFORMATION

NCBI GI #	8393076
NCBI GeneID	29186
NCBI Accession #	NP_058821.1
NCBI GenBank Nucleotide #	NM_017125.3
UniProt Accession #	P28648
NCBI Official Full Name	CD63 antigen
NCBI Official Synonym Full Names	Cd63 molecule
NCBI Official Symbol	Cd63
NCBI Protein Information	CD63 antigen; mast cell antigen AD1
UniProt Protein Name	CD63 antigen
UniProt Gene Name	Cd63
UniProt Entry Name	CD63_RAT

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/cd63-antibody-clone-ad1-western-blot-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/49778>