

Mouse anti-Human, mouse ERGIC53 Monoclonal Antibody | anti-ERGIC53 antibody

ERGIC53 Monoclonal Antibody

CATALOG # AAA41014	HOST Mouse	REACTIVITY Human, mouse	APPLICATIONS Immunocytochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

ERGIC53; Monoclonal Antibody; ERGIC53 Monoclonal Antibody; anti-ERGIC53 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	At least two isoforms of ERGIC53 are known to exist.
Purity/Purification	ERGIC53 Monoclonal Antibody is Protein A purified.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-ERGIC53 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	Mouse monoclonal ERGIC53 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human ERGIC53.
Buffer	ERGIC53 Monoclonal Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ERGIC53 Monoclonal antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

IMAGES



IHC (Immunohistochemistry)

Immunocytochemistry of ERGIC53 in HL60 cells with ERGIC53 antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of ERGIC53 in HL60 cell lysate with ERGIC53 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking buffer.

ADDITIONAL INFORMATION

Related Product Information for anti-ERGIC53 antibody

ERGIC53 Monoclonal Antibody: ERGIC53, also known as lectin mannose-binding 1 (LMAN1) protein is a type I integral membrane protein localized in the intermediate region between the endoplasmic reticulum and the Golgi, presumably recycling between the two compartments. The protein is a mannose-specific lectin and is a member of a novel family of plant lectin homologs in the secretory pathway of animal cells. Mutations in the gene are associated with a coagulation defect. Using positional cloning, the gene was identified as the disease gene leading to combined factor V-factor VIII deficiency, a rare, autosomal recessive disorder in which both coagulation factors V and VIII are diminished.

Product Categories/Family for anti-ERGIC53 antibody	Homeostasis
References	Schindler R, Itin C, Zerial M, et al. ERGIC-53, a membrane protein of the ER-Golgi intermediate compartment, carries an ER retention motif. Eur. J. Cell Biol. 1993; 61:1-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031873
Molecular Weight	Predicted: 56 kDa

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/ergic53-antibody-immunocytochemistry-western-blot-elisa/41014>