

ERGIC-53 recombinant antibody

Recombinant Anti-ERGIC-53 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266419	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ERGIC-53; Monoclonal Recombinant Antibody; Recombinant Anti-ERGIC-53 Rabbit mAb; ERGIC53; F5F8D; Protein ERGIC-53; ER-Golgi intermediate compartment 53 kDa protein; Gp58; Intracellular mannose-specific lectin MR60; Lectin mannose-binding 1; ERGIC-53 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of ERGIC-53 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for ERGIC-53 recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human ERGIC-53 protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of ERGIC-53 staining in A375 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of ERGIC-53 expression in K562 (A), PC3 (B), HepG2 (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates. (Predicted band size: 57 kD; Observed band size: 58 kD)

ADDITIONAL INFORMATION

Related Product Information for ERGIC-53 recombinant antibody	Recombinant rabbit monoclonal antibody to ERGIC-53
Product Categories/Family for ERGIC-53 recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031873
NCBI GeneID	3998
NCBI Accession #	NP_005561
NCBI GenBank Nucleotide #	NM_005570
UniProt Accession #	P49257; Q9D0F3; Q62902
Molecular Weight	57,549 Da
NCBI Official Full Name	protein ERGIC-53
NCBI Official Synonym Full Names	lectin, mannose-binding, 1
NCBI Official Symbol	LMAN1
NCBI Official Synonym Symbols	MR60; gp58; F5F8D; FMFD1; MCFD1; ERGIC53; ERGIC-53
NCBI Protein Information	protein ERGIC-53; ER-Golgi intermediate compartment 53 kDa protein; endoplasmic reticulum-golgi intermediate compartment protein 53; intracellular mannose specific lectin; intracellular mannose-specific lectin MR60
UniProt Protein Name	Protein ERGIC-53
UniProt Gene Name	LMAN1
UniProt Synonym Gene Names	ERGIC53; F5F8D
UniProt Entry Name	LMAN1_HUMAN

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/ergic-53-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266419>