

KDEL1 recombinant antibody

Recombinant Anti-KDEL1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266339	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

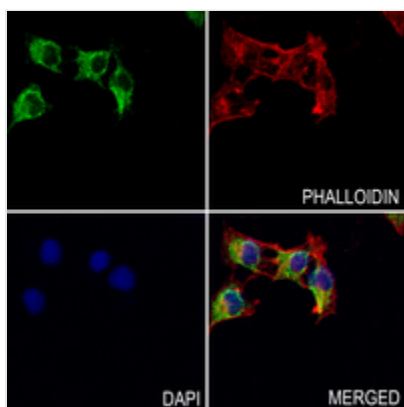
PRODUCT SYNONYMS

KDEL1; Monoclonal Recombinant Antibody; Recombinant Anti-KDEL1 Rabbit mAb; ERD2.1; ER lumen protein retaining receptor 1; KDEL endoplasmic reticulum protein retention receptor 1; KDEL receptor 1; Putative MAPK-activating protein PM23; KDEL1 recombinant antibody

PRODUCT SPECIFICATIONS

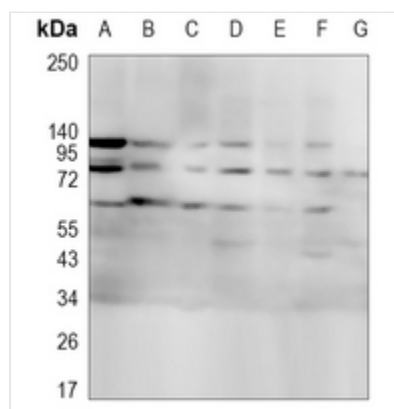
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of KDEL1 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for KDEL1 recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human KDEL1. 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 KDEL1 staining in COS7 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 an 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 KDEL1 expression in HEK293T (A), Jurkat (B), PC3 (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 78KD)

ADDITIONAL INFORMATION

Related Product Information for KDELRL1 recombinant antibody	Recombinant rabbit monoclonal antibody to KDELRL1
Product Categories/Family for KDELRL1 recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	34031
NCBI GeneID	10945
UniProt Accession #	P24390; Q99JH8; Q569A6; Q8NBW7; Q96H29
Molecular Weight	24,542 Da
NCBI Official Full Name	KDEL receptor
NCBI Official Synonym Full Names	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1
NCBI Official Symbol	KDELRL1
NCBI Official Synonym Symbols	ERD2; HDEL; PM23; ERD2.1
NCBI Protein Information	ER lumen protein retaining receptor 1; KDEL receptor 1; putative MAPK-activating protein PM23; KDEL endoplasmic reticulum protein retention receptor 1
UniProt Protein Name	ER lumen protein retaining receptor 1
UniProt Gene Name	KDELRL1
UniProt Synonym Gene Names	ERD2.1
UniProt Entry Name	ERD21_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/kdelrl1-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266339>