

Mouse anti-Human RPN1 Monoclonal Antibody | anti-RPN1 antibody

RPN1 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62396	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

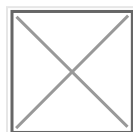
PRODUCT SYNONYMS

RPN1; Monoclonal Antibody; RPN1 Mouse mAb; Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit; Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1; dolichyl-diphosphooligosaccharide-protein glycosyltransferase 67 kDa subunit; oligosaccharyltransfe; oligosaccharyltransferase 1 homolog; oligosaccharyltransferase complex subunit (non-catalytic); OST1; RBPH1; Ribophorin I; Ribophorin-1; RPN-I; anti-RPN1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	607
Applicable Applications for anti-RPN1 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human

IMAGES



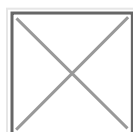
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling RPN1 with M25011 at 1/200 dilution (green) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

RPN1 was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25011 of 10 ug. Western blot was performed from the immunopre-cipitate using M25011 at 1/2000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.Blocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

All lanes : RPN1 Mouse mAb at 1/2000 dilution Lane 1 : Jurkat cells membrane fraction Lane 2 : THP1 cells membrane fraction Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution Predicted band size : 68 KDa Observed band size : 68 KDa Blocking/Dilution buffer : 1x TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-RPN1 antibody	This gene encodes a type I integral membrane protein found only in the rough endoplasmic reticulum. The encoded protein is part of an N-oligosaccharyl transferase complex that links high mannose oligosaccharides to asparagine residues found in the Asn-X-Ser, Thr consensus motif of nascent polypeptide chains. This protein forms part of the regulatory subunit of the 26S proteasome and may mediate binding of ubiquitin-like domains to this proteasome
Product Categories/Family for anti-RPN1 antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506675
NCBI GeneID	6184
NCBI Accession #	NP_002941.1
NCBI GenBank Nucleotide #	NM_002950.3
UniProt Accession #	P04843; Q68DT1; B2R5Z0; D3DNB6
Molecular Weight	Predicted MW: 68kDa
NCBI Official Full Name	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
NCBI Official Synonym Full Names	ribophorin I
NCBI Official Symbol	RPN1
NCBI Official Synonym Symbols	OST1; RBPH1
NCBI Protein Information	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
UniProt Protein Name	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
UniProt Gene Name	RPN1
UniProt Synonym Gene Names	RPN-I

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/rpn1-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62396>