

#M25011

RPN1 Mouse mAb



Orders ■ 400-6123-828

orders@ab-mart.com

Web ■ www.ab-mart.com.cn

- 50 µl
- 100 µl
- 200 µl

DESCRIPTION

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.

SOURCE

This Abmart monoclonal antibody is produced by immunizing mice with a polypeptide (Abmart SEAL mAb technology) corresponding to RPN1 protein.

STORAGE

Store at -20°C, stable for one year from the date of shipment.

ALIASES

OST1

REACTIVITY

Homo sapiens

ISOTYPE

Mouse IgG

PREDICTED MOLECULAR WEIGHT

68 KDa

RECOMMEND ANTIBODY DILUTIONS

Western blotting	1:1000-1:5000
immunoprecipitation	10 tests
FACS	1:100-1:200

***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

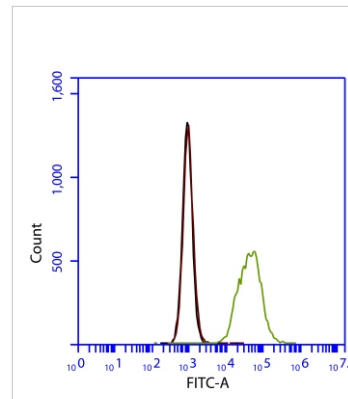
PRODUCT ADVANTAGE

Mass spectrum approved

COMPANION PRODUCTS

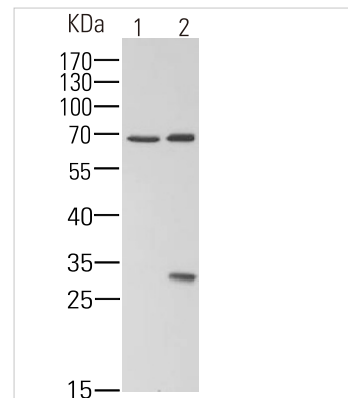
- #M21001 Goat-anti-Mouse IgG-HRP
- #M20001 His-Tag mAb
- #M20002 Myc-Tag mAb
- #M20003 HA-Tag mAb
- #M20018 Anti-DYKDDDDK-Tag mAb (Agarose conjugated)

APPLICATION DATA



Flow Cytometry—Anti-RPN1 Antibody (M25011)

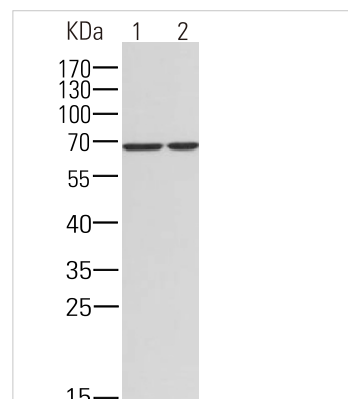
Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling RPN1 with M25011 at 1/200 dilution (green) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody,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



IP-Anti-RPN1 Antibody(M25011)

RPN1 was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25011 of 10µg. Western blot was performed from the immunoprecipitate 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-Anti-RPN1 Antibody(M25011)

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 µg 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 : 1× TBST.

Applications Key: WB—Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, ChIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

rev.2017-1

For *in vitro* research use only and not intended for use in humans or animals.