

ADRM1 Monoclonal antibody

Catalog Number: 66464-1-Ig

Basic Information

Catalog Number:

66464-1-Ig

Size:

2000 µg/ml

Source:

Mouse

Isotype:

IgG3

Immunogen Catalog Number:

AG24699

GenBank Accession Number:

BC017245

GeneID (NCBI):

11047

UNIPROT ID:

Q16186

Full Name:

adhesion regulating molecule 1

Calculated MW:

407 aa, 42 kDa

Observed MW:

42 kDa

Purification Method:

Protein A purification

CloneNo.:

1A1A3

Recommended Dilutions:

WB 1:5000-1:20000

IF 1:200-1:800

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HEK-293 cells, Raji cells

IF : HeLa cells,

Background Information

The 26S proteasome is a key component of the ubiquitin-proteasome system, a process responsible for the majority of cellular protein degradation. hRpn13 (also termed ADRM1 or GP110) is a novel 46-kDa subunit of its 19S regulatory complex. hRpn13 binds directly to the proteasome-associated deubiquitinating enzyme, UCH37, and enhances its isopeptidase activity. Overexpression of hRpn13 promotes the activity of the ubiquitin-proteasome system and modulates the influence of osteoblasts on osteoclasts by controlling the stability of regulatory proteins in osteoblasts.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

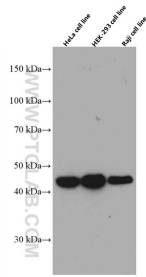
For technical support and original validation data for this product please contact:

T: 4006900926

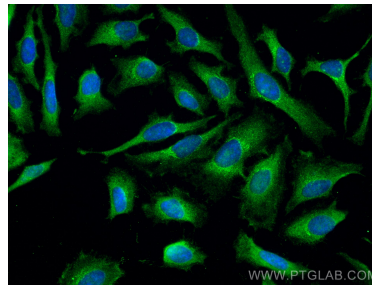
E: Proteintech-CN@ptglab.comW: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66464-1-Ig (ADRM1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using ADRM1 antibody (66464-1-Ig, Clone: 1A1A3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).