

For Research Use Only

ADRM1 Monoclonal antibody

Catalog Number: 66464-1-Ig



Basic Information

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|---|---|--|
| Catalog Number: 66464-1-Ig | GenBank Accession Number: BC017245 | Purification Method: Protein A purification |
| Size: 2000 µg/ml | GeneID (NCBI): 11047 | CloneNo.: 1A1A3 |
| Source: Mouse | UNIPROT ID: Q16186 | Recommended Dilutions: WB 1:5000-1:20000 IF/ICC 1:200-1:800 |
| Isotype: IgG3 | Full Name: adhesion regulating molecule 1 | |
| Immunogen Catalog Number: AG24699 | Calculated MW: 407 aa, 42 kDa | |
| | Observed MW: 42 kDa | |

Applications

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|--|---|
| Tested Applications: IF/ICC, WB, ELISA | Positive Controls: WB : HeLa cells, HEK-293 cells, Raji cells |
| Species Specificity: human | IF/ICC : 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:

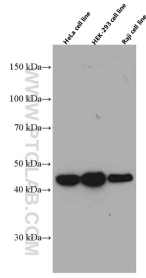
T: 4006900926

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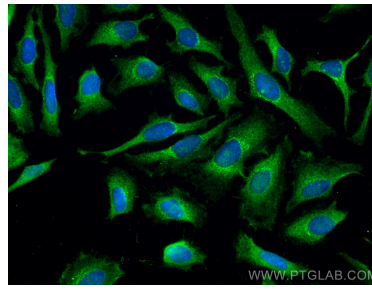
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Selected Validation Data



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).