

For Research Use Only

ADRM1 Monoclonal antibody, PBS Only



Catalog Number: 66464-1-PBS

Basic Information

Catalog Number: 66464-1-PBS	GenBank Accession Number: BC017245	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 11047	CloneNo.: 1A1A3
Source: Mouse	UNIPROT ID: Q16186	
Isotype: IgG3	Full Name: adhesion regulating molecule 1	
Immunogen Catalog Number: AG24699	Calculated MW: 407 aa, 42 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IF

Species Specificity:
human

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 -80°C.

Storage Buffer:
PBS Only

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

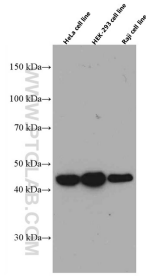
T: 4006900926

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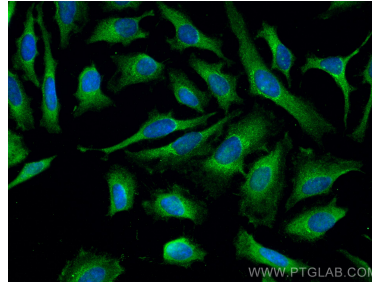
W: ptgcn.com

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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. This data was developed using the same antibody clone with 66464-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66464-1-PBS in a different storage buffer formulation.