

For Research Use Only

ADRM1 Monoclonal ANTIBODY



Catalog Number: 66464-1-Ig

Basic Information

Catalog Number: 66464-1-Ig	GenBank Accession Number: BC017245	Purification Method: Protein A purification
Size: 150UL, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 11047	CloneNo.: 1A1A3
Source: Mouse	Full Name: adhesion regulating molecule 1	Recommended Dilutions: WB 1:5000-1:20000
Isotype: IgG3	Calculated MW: 407 aa, 42 kDa	
Immunogen Catalog Number: AG24699	Observed MW: 42 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: HeLa cells,
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.

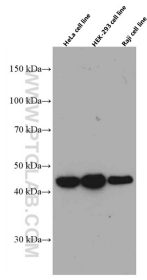
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% 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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66464-1-Ig (ADM1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.