

## ADRM1 Monoclonal Antibody

**Catalog No.** E-AB-27623

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

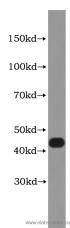
### Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human   |
| <b>Immunogen</b>    | Fusion Protein of ADRM1                         |
| <b>Host</b>         | Mouse   |
| <b>Isotype</b>      | IgG3  |
| <b>Clone</b>        | Clone:1A1A3                                     |
| <b>Purification</b> | Protein A purification                          |
| <b>Conjugation</b>  | Unconjugated                                    |
| <b>Buffer</b>       | PBS with 0.1% sodium azide, 50% glycerol, PH7.3 |

### Applications Recommended Dilution

**WB 1:5000-1:20000**

### Data



Western Blot analysis of Various lysates using ADRM1 Monoclonal Antibody at dilution of 1:10000.

**Observed Mw:42kDa**  
**Calculated Mw:407aa,42kDa**

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

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.

### For Research Use Only