NKMAXBiO We support you, we believe in your research Human ADRM1 antibody Catalog Number: ATGA0127

PRODUCT INFORMATION

Catalog number ATGA0127

Clone No. AT34C2

Product type Monoclonal Antibody

UnitProt No. Q16186

NCBI Accession No. NP_783163

Alternative Names Proteasomal ubiquitin receptor ADRM1, ARM1, GP110, Rpn13

PRODUCT SPECIFICATION

Antibody Host Mouse

Reacts With Human

Concentration 1mg/ml (determined by BCA assay)

Formulation Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen Recombinant human ADRM1 (1-407aa) purified from E. coli

Isotype

lgG2b kappa

Purification Note By protein-G affinity chromatography

Application

ELISA,WB,ICC/IF,FACS

Usage

The antibody has been tested by ELISA, Western blot, ICC/IF and FACS analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.



Storage

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

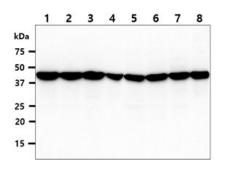
ADRM1, also known as proteasomal ubiquitin receptor ADRM1, functions as a proteasomal ubiquitin receptor. This protein is an integral plasma membrane protein which promotes cell adhesion. ADRM1 is thought to undergo O-linked glycosylation. Expression of this gene has been shown to be induced by gamma interferon in some cancer cells.

General References

Hamazaki J., et al. (2006) EMBO J. 25: 4524-4536. Qiu X.-B., et al. (2006) EMBO J. 25: 5742-5753.

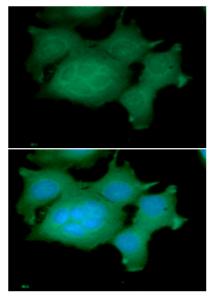
DATA

Western blot analysis (WB)



The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human ADRM1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: MCF7 cell lysate Lane 2.: HeLa cell lysate Lane 3.: K562 cell lysate Lane 4.: PC3 cell lysate Lane 5.: 293T cell lysate Lane 6.: HepG2 cell lysate Lane 7.: Jurkat cell lysate Lane 8.: U87MG cell lysate

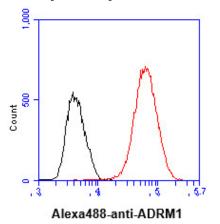
Immunocytochemistry/Immunofluorescence (ICC/IF)



ICC/IF analysis of ADRM1 in MCF7 cells. The cell was stained with ATGA0127 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

NKMAXBiO we support you, we believe in your research Human ADRM1 antibody Catalog Number: ATGA0127

Flow cytometry (FACS)



Flow cytometry analysis of ADRM1 in MCF7 cell line, staining at 2-5ug for 1x10^6cells (red line). The secondary antibody used goat antimouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).

