

Datasheet for ABIN651196

**anti-Adrenomedullin antibody (AA 69-96)**

5 Images

[Go to Product page](#)

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 400 µL  |
| Target:              | Adrenomedullin (ADM)                          |
| Binding Specificity: | AA 69-96                                      |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal                                    |
| Conjugate:           | This Adrenomedullin antibody is un-conjugated |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS)  |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | This ADM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-96 amino acids of human ADM. |
| Clone:                | RB23214   |
| Isotype:              | IgG   |
| Predicted Reactivity: | B   |
| Purification:         | This antibody is purified through a protein A column, followed by peptide affinity purification.                                      |

## Target Details

|                   |                                      |
|-------------------|--------------------------------------|
| Target:           | Adrenomedullin (ADM)                 |
| Alternative Name: | ADM ( <a href="#">ADM Products</a> ) |

## Target Details

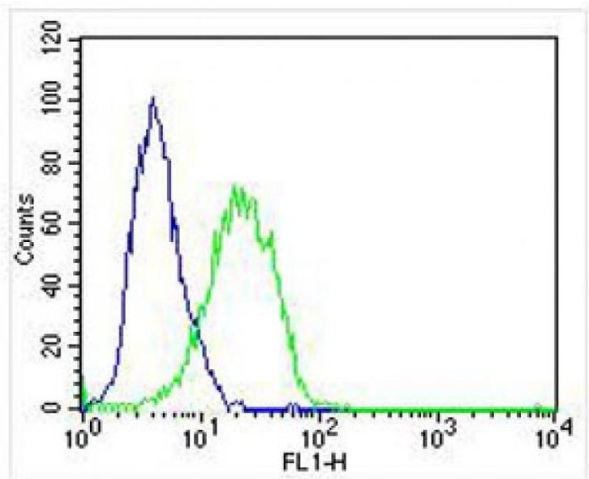
|                   |   |
|-------------------|---|
| Target Type:      | Hormone   |
| Background:       | ADM, a hypotensive peptide found in human pheochromocytoma, consists of 52 amino acids, has 1 intramolecular disulfide bond, and shows a slight homology with the calcitonin gene-related peptide. It may function as a hormone in circulation control because it is found in blood in a considerable concentration. The precursor, called preproadrenomedullin, is 185 amino acids long. By RNA-blot analysis, human adrenomedullin mRNA was found to be highly expressed in several tissues. Genomic ADM DNA consists of 4 exons and 3 introns, with the 5-prime flanking region containing TATA, CAAT, and GC boxes. |
| Molecular Weight: | 20420   |
| Gene ID:          | 133   |
| NCBI Accession:   | <a href="#">NP_001115</a>   |
| UniProt:          | <a href="#">P35318</a>  |
| Pathways:         | <a href="#">Hormone Transport</a> , <a href="#">Hormone Activity</a> , <a href="#">C21-Steroid Hormone Metabolic Process</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Tube Formation</a>   |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | WB: 1:1000. WB: 1:1000-1:2000. WB: 1:2000. FC: 1:10~50. FC: 1:25 |
| Restrictions:      | For Research Use only  |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.   |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                     |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date:       | 6 months   |

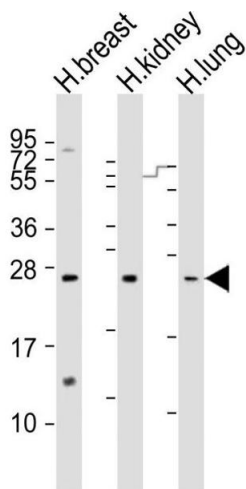
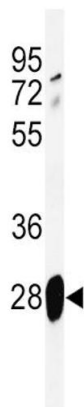


### Flow Cytometry

**Image 1.** Overlay histogram showing A549 cells stained with C (green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (C, 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/400 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG (1 µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.

### Western Blotting

**Image 2.** Western blot analysis of ADM Antibody (Center) (ABIN651196 and ABIN2840126) in mouse lung tissue lysates (35 µg/lane).ADM (arrow) was detected using the purified Pab.



### Western Blotting

**Image 3.** All lanes : Anti-ADM Antibody (Center) at 1:1000-1:2000 dilution Lane 1: human breast lysate Lane 2: human kidney lysate Lane 3: human lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN651196.