

Datasheet for ABIN651311  
**anti-ADRP antibody (AA 186-214)**[Go to Product page](#)

## 3 Images

## Overview

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:            | 400 µL                                                                                                    |
| Target:              | ADRP (PLIN2)                                                                                              |
| Binding Specificity: | AA 186-214                                                                                                |
| Reactivity:          | Human                                                                                                     |
| Host:                | Rabbit                                                                                                    |
| Clonality:           | Polyclonal                                                                                                |
| Conjugate:           | This ADRP antibody is un-conjugated                                                                       |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                                                                                                   |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | This ADRP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 186-214 amino acids from the Central region of human ADRP. |
| Clone:        | RB23216                                                                                                                                                           |
| Isotype:      | Ig Fraction                                                                                                                                                       |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.                                                                  |

## Target Details

|                   |                                         |
|-------------------|-----------------------------------------|
| Target:           | ADRP (PLIN2)                            |
| Alternative Name: | ADFP ( <a href="#">PLIN2 Products</a> ) |

## Target Details

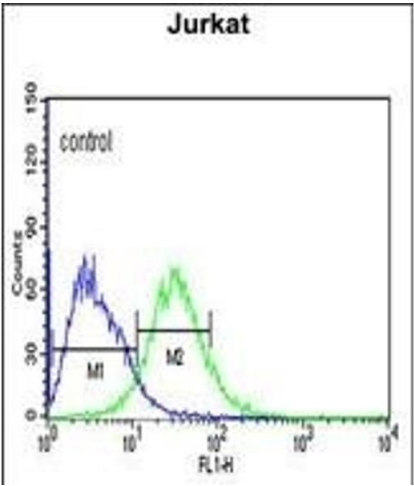
|                   |                                                                                                                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | Adipocyte differentiation-related protein is associated with the globule surface membrane material. This protein is a major constituent of the globule surface. Increase in mRNA levels is one of the earliest indications of adipocyte differentiation. |
| Molecular Weight: | 48075                                                                                                                                                                                                                                                    |
| Gene ID:          | 123                                                                                                                                                                                                                                                      |
| NCBI Accession:   | <a href="#">NP_001113</a>                                                                                                                                                                                                                                |
| UniProt:          | <a href="#">Q99541</a>                                                                                                                                                                                                                                   |
| Pathways:         | <a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Lipid Metabolism</a>                                                                                                                                                           |

## Application Details

|                    |                                          |
|--------------------|------------------------------------------|
| Application Notes: | WB: 1:2000. IHC-P: 1:50~100. FC: 1:10~50 |
| Restrictions:      | For Research Use only                    |

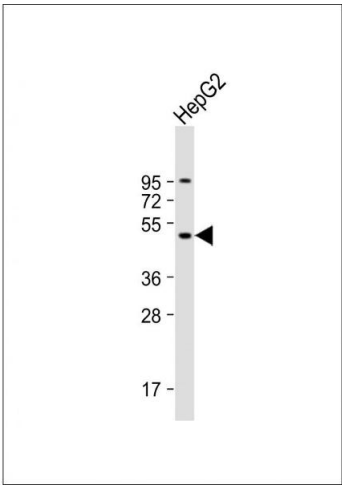
## Handling

|                    |                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                   |



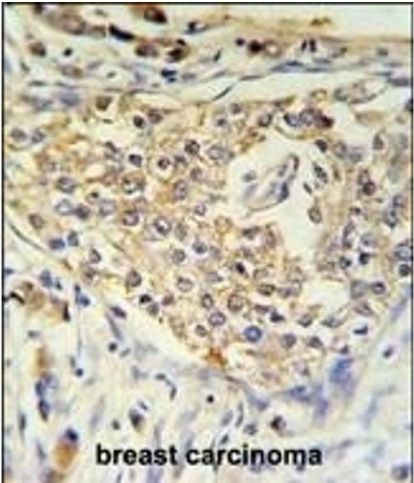
### Flow Cytometry

**Image 1.** ADFP Antibody (Center) (ABIN651311 and ABIN2840181) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### Western Blotting

**Image 2.** Anti-ADFP Antibody (Center) at 1:2000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** ADFP Antibody (Center) (ABIN651311 and ABIN2840181) IHC analysis in formalin fixed and paraffin embedded breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ADFP Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.