Datasheet for ABIN5542481

# anti-ARF1 antibody (AA 76-182)

8 Images

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## Overview

| | |
|---|---|
| Quantity: | 0.1 mg |
| Target: | ARF1 |
| Binding Specificity: | AA 76-182 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This ARF1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS) |

## Product Details

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|---|---|
| Immunogen: | Purified recombinant fragment of human ARF1 (AA: 76-182) expressed in E. coli. |
| Clone: | 8D8E9 |
| Isotype: | IgG2a |
| Purification: | purified |

## Target Details

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|---|---|
| Target: | ARF1 |
| Alternative Name: | ARF1 (ARF1 Products) |
| Background: | ADP-ribosylation factor 1 (ARF1) is a member of the human ARF gene family. The family |

## Target Details

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| | members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking as activators of phospholipase D. The gene products, including 6 ARF proteins and 11 ARF-like proteins, constitute a family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2 and ARF3), class II (ARF4 and ARF5) and class III (ARF6), and members of each class share a common gene organization. The ARF1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene., |
| Molecular Weight: | 20.7 kDa |
| Gene ID: | 375 |
| HGNC: | 375 |
| Pathways: | Transition Metal Ion Homeostasis, Inositol Metabolic Process |

## Application Details

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|---|---|
| Application Notes: | ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400 |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Buffer: | Purified antibody in PBS with 0.05 % 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: | 4°C, -20°C for long term storage |

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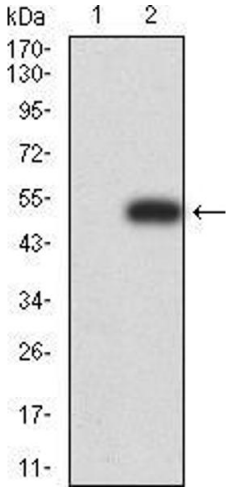
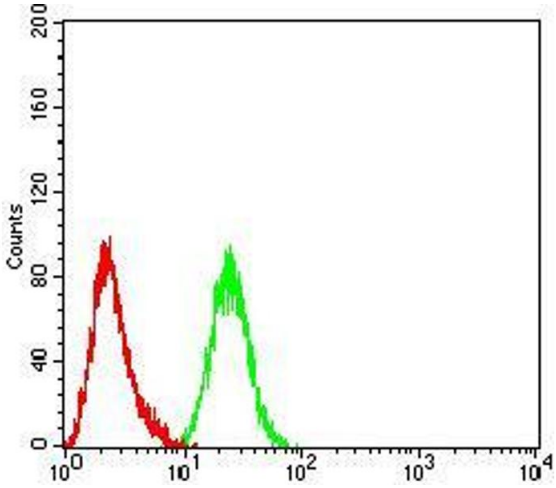


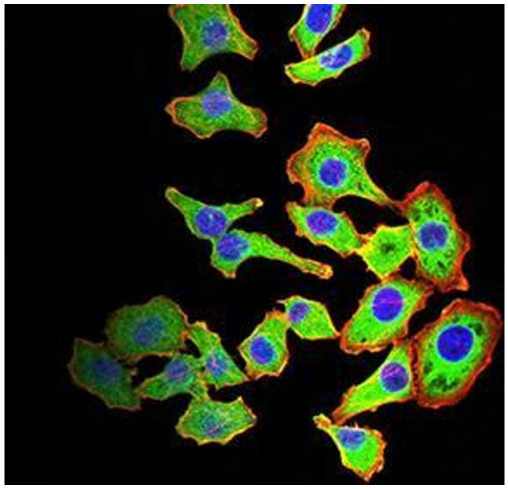

## Western Blotting

**Image 1.** Western blot analysis using ARF1 mAb against HEK293 (1) and ARF1 (AA: 1-182)-hIgGFc transfected HEK293 (2) cell lysate.




## Flow Cytometry

**Image 2.** Flow cytometric analysis of Hela cells using ARF1 mouse mAb (green) and negative control (red).



## Immunocytochemistry

**Image 3.** Immunofluorescence analysis of HL-7702 cells using ARF1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher

Please check the product details page for more images. Overall 8 images are available for ABIN5542481.