

Datasheet for ABIN5542282  
**anti-BIN1 antibody (AA 189-398)**



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6 Images

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | BIN1  |
| Binding Specificity: | AA 189-398  |
| Reactivity:          | Human   |
| Host:                | Mouse   |
| Clonality:           | Monoclonal  |
| Conjugate:           | This BIN1 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS) |

## Product Details

|               |   |
|---------------|---|
| Purpose:      | BIN1 Antibody   |
| Immunogen:    | Purified recombinant fragment of human BIN1 (AA: 189-398) expressed in E. Coli. |
| Clone:        | 3B6F10  |
| Isotype:      | IgG2b   |
| Purification: | Purified antibody   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | BIN1  |
| Alternative Name: | BIN1 ( <a href="#">BIN1 Products</a> )  |
| Background:       | Description: This gene encodes several isoforms of a nucleocytoplasmic adaptor protein, one |

## Target Details

of which was initially identified as a MYC-interacting protein with features of a tumor suppressor. Isoforms that are expressed in the central nervous system may be involved in synaptic vesicle endocytosis and may interact with dynamin, synaptojanin, endophilin, and clathrin. Isoforms that are expressed in muscle and ubiquitously expressed isoforms localize to the cytoplasm and nucleus and activate a caspase-independent apoptotic process. Studies in mouse suggest that this gene plays an important role in cardiac muscle development. Alternate splicing of the gene results in several transcript variants encoding different isoforms. Aberrant splice variants expressed in tumor cell lines have also been described.

Aliases: AMPH2, AMPHL, SH3P9

Molecular Weight: 64.7kDa

Gene ID: 274

HGNC: 274

UniProt: [O00499](#)

## Application Details

Application Notes: ELISA: 1/10000  
FCM: 1/200 - 1/400

Restrictions: For Research Use only

## Handling

Format: Liquid

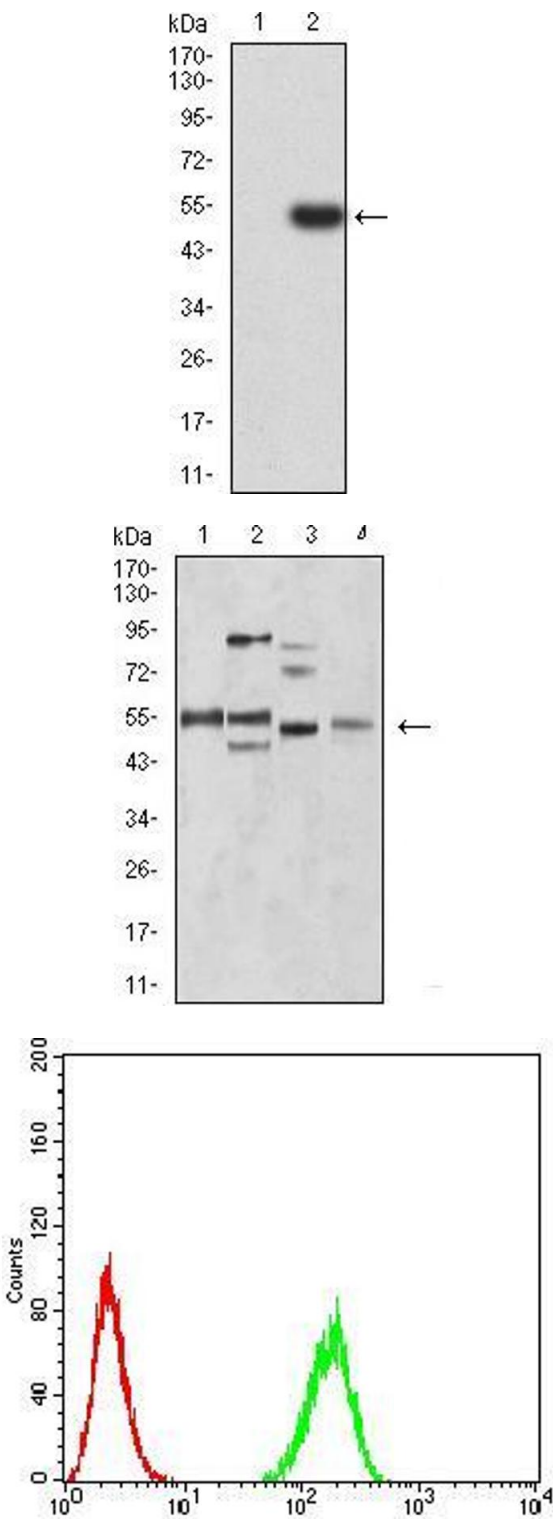
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

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: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



Western Blotting

**Image 1.** Western blot analysis using BIN1 mAb against HEK293 (1) and BIN1 (AA: 189-398)-hlgGFc transfected HEK293 (2) cell lysate.

Western Blotting

**Image 2.** Western blot analysis using BIN1 mouse mAb against C2C12 (1), A431 (2), HEK293 (3), and MCF-7 (4) cell lysate.

Flow Cytometry

**Image 3.** Flow cytometric analysis of Hela cells using BIN1 mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5542282.