

Datasheet for ABIN5611286
anti-ACTR3 antibody (AA 287-418)

6 Images

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Overview

Quantity:	0.1 mg
Target:	ACTR3
Binding Specificity:	AA 287-418
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human ACTR3 (AA: 287-418) expressed in E. coli.
Clone:	3G2C9
Isotype:	IgG1
Purification:	purified

Target Details

Target:	ACTR3
Alternative Name:	ACTR3 (ACTR3 Products)
Background:	Description: The specific function of this gene has not yet been determined, however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin

Target Details

assembly and protrusion. Three transcript variants encoding two different isoforms have been found for this gene.

Aliases: ARP3

Molecular Weight: 47.4 kDa

Gene ID: 10096

HGNC: 10096

Pathways: [RTK Signaling, Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

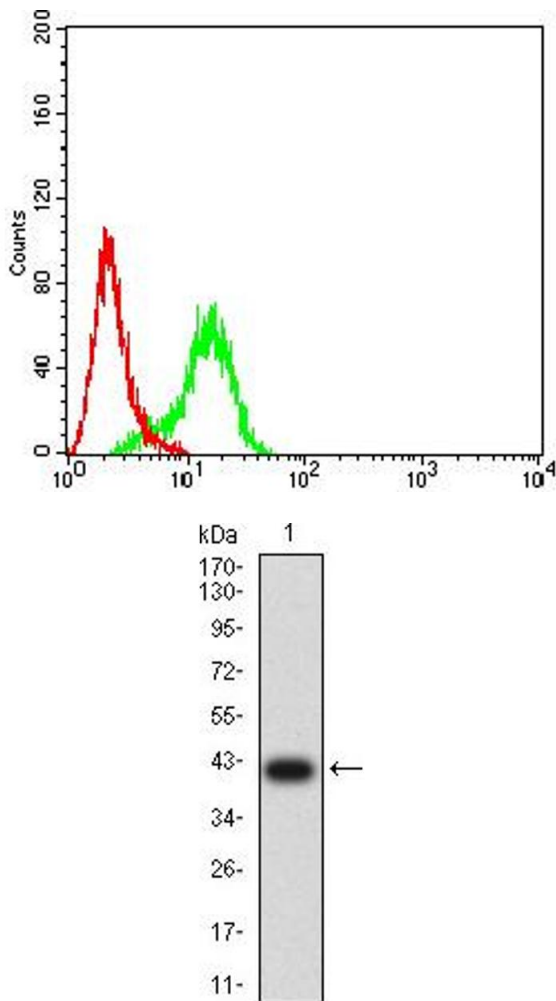
Buffer: Purified antibody in PBS with 0.05 % sodium azide

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

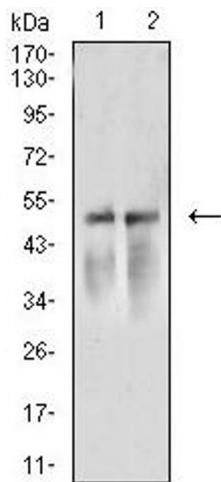


Flow Cytometry

Image 1. Flow cytometric analysis of Hela cells using ACTR3 mouse mAb (green) and negative control (red).

Western Blotting

Image 2. Western blot analysis using ACTR3 mAb against human ACTR3 (AA: 287-418) recombinant protein. (Expected MW is 41.1 kDa)



Western Blotting

Image 3. Western blot analysis using ACTR3 mouse mAb against NIH/3T3 (1) and A549 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5611286.