

Datasheet for ABIN5542304  
**anti-Caveolin 2 antibody (AA 1-86)**[Go to Product page](#)

## 7 Images

## Overview

Quantity:	0.1 mg
Target:	Caveolin 2 (CAV2)
Binding Specificity:	AA 1-86
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Caveolin 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

## Product Details

Immunogen:	Purified recombinant fragment of human CAV2 (AA: 1-86) expressed in E. coli.
Clone:	5E9E2
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	Caveolin 2 (CAV2)
Alternative Name:	CAV2 ( <a href="#">CAV2 Products</a> )
Background:	Description: The protein encoded by this gene is a major component of the inner surface of caveolae, small invaginations of the plasma membrane, and is involved in essential cellular

## Target Details

functions, including signal transduction, lipid metabolism, cellular growth control and apoptosis. This protein may function as a tumor suppressor. This gene and related family member (CAV1) are located next to each other on chromosome 7, and express colocalizing proteins that form a stable hetero-oligomeric complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. Additional isoforms resulting from the use of alternate in-frame translation initiation codons have also been described, and shown to have preferential localization in the cell (PMID:11238462).

Aliases: CAV

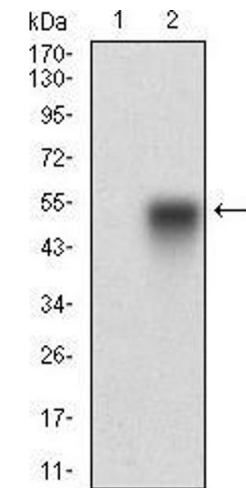
Molecular Weight:	18.3 kDa
Gene ID:	858
HGNC:	858
Pathways:	<a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling, Skeletal Muscle Fiber Development</a>

## Application Details

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

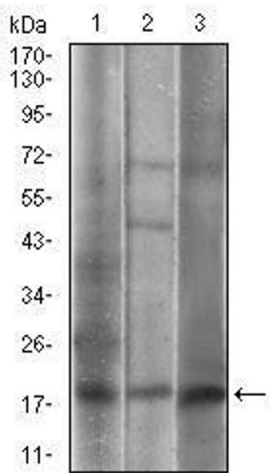
## Handling

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



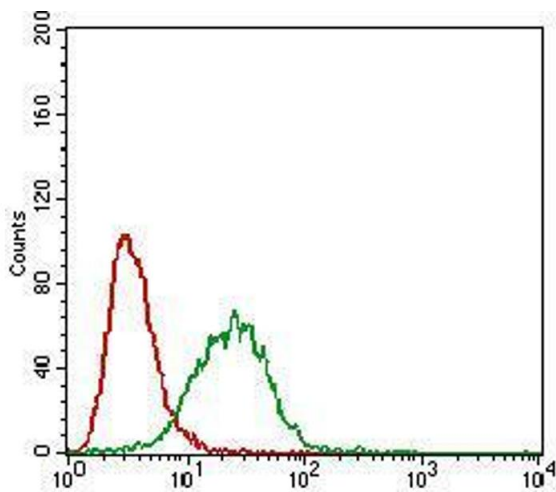
Western Blotting

**Image 1.** Western blot analysis using CAV2 mAb against HEK293 (1) and CAV2 (AA: 1-86)-hlgGFc transfected HEK293 (2) cell lysate.



Western Blotting

**Image 2.** Western blot analysis using CAV2 mouse mAb against A549 (1), 3T3-L1 (2), A431 (3) cell lysate.



Flow Cytometry

**Image 3.** Flow cytometric analysis of A549 cells using CAV2 mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5542304.