

Datasheet for ABIN6244035
anti-VAV2 antibody



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2 Images

Overview

Quantity:	200 µL
Target:	VAV2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAV2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This VAV2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 123--157 amino acids from human VAV2.
Clone:	RB56694
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	VAV2
Alternative Name:	VAV2 (VAV2 Products)
Background:	Guanine nucleotide exchange factor for the Rho family of Ras-related GTPases. Plays an important role in angiogenesis. Its recruitment by phosphorylated EPHA2 is critical for EFNA1-induced RAC1 GTPase activation and vascular endothelial cell migration and assembly (By

Target Details

similarity).

Molecular Weight: 101289

UniProt: [P52735](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: WB: 1:2000. FC: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

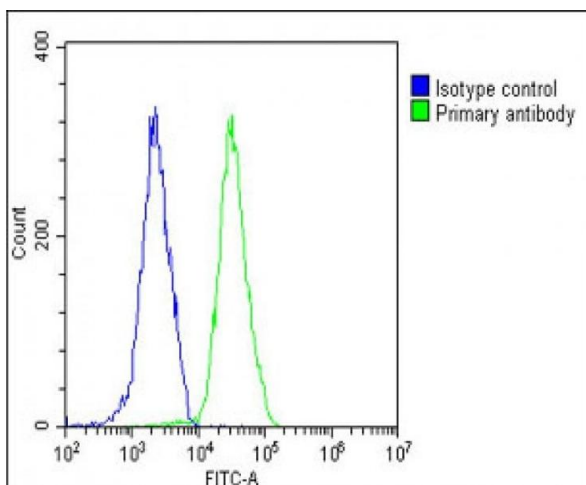
Preservative: Sodium azide

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

Expiry Date: 6 months

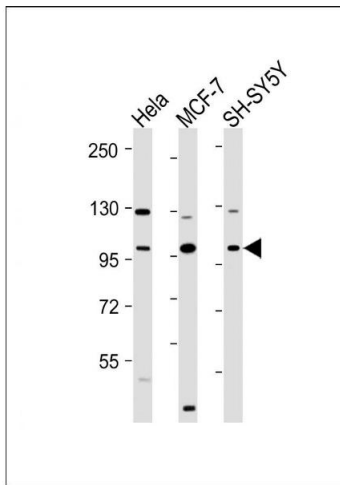
Images



Flow Cytometry

Image 1. Overlay histogram showing HeLa cells stained with (ABIN6244035 and ABIN6578797)(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6244035 and ABIN6578797), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OE188374) at 1/200 dilution for 40 min at 37 °C.

Isotype control antibody (blue line) was rabbit IgG1 (1 μ g/ 1×10^6 cells) used under the same conditions. Acquisition of $>10,000$ events was performed.



Western Blotting

Image 2. All lanes : Anti-VAV2 Antibody (N-Term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: SH-SY5Y whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 101 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.