

VAV1 Monoclonal Antibody (ZV003)

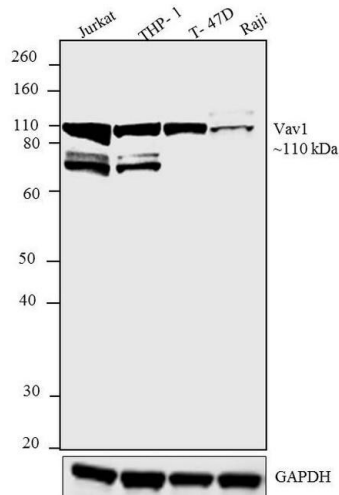
Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Chicken
Host/Isotope	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	ZV003
Conjugate	Unconjugated
Immunogen	Synthetic peptide derived from an internal region of the human, mouse and rat Vav1 proteins
Form	Liquid
Storage buffer	tissue culture supernatant
Contains	0.1% sodium azide
Storage Conditions	-20°C
RRID	AB_2533400

Applications	Tested	Dilution	Published
Western Blot (WB)	✓	1:100-1:1000	1 Publication
ELISA (ELISA)	✓	Assay Dependent	

Product Images For VAV1 Monoclonal Antibody (ZV003)

VAV1 Antibody (39-2050) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of Jurkat (Lane 1), THP-1 (Lane 2), T-47D (lane 3) and Raji (Lane 4). The blots were probed with Anti-VAV1 Mouse Monoclonal Antibody (Product # 39-2050, 1:100-1:1000 dilution) and detected by chemiluminescence Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP conjugate (Product # 62-6520, 1:4000 dilution). A 110 kDa band corresponding to VAV1 was observed across cell lines tested. An extra band at ~ 70 kDa was observed in Jurkat and THP-1. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 10 % Bis-Tris gel (Product # NP0301BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane by wet transfer method. The membrane was probed with the relevant primary and secondary Antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



1 Reference

Western Blot (1)

Molecular and cellular biology

Two closely spaced tyrosines regulate NFAT signaling in B cells via Syk association with Vav.

Authors: Chen CH, Martin VA, Gorenstein NM, Geahlen RL, Post CB

Species
Chicken

Dilution
Not Cited

Year
2011

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