

VAV1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues surrounding Tyr174 of human Vav
Form	Liquid
Concentration	27 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10987031

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Flow Cytometry (Flow)	1:25	-

Product Specific Information

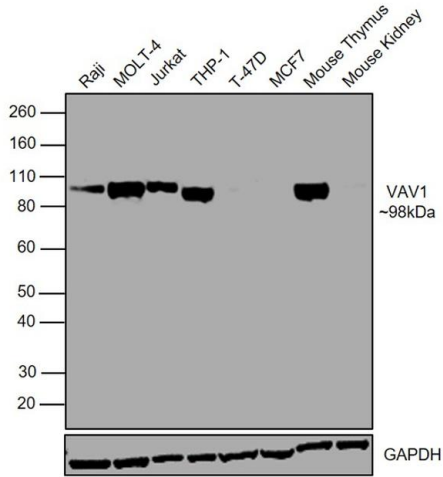
It is not recommended to aliquot this antibody.

This antibody is not cross-reactive with Vav2, Vav3 or CelVav.

Product Images For VAV1 Polyclonal Antibody

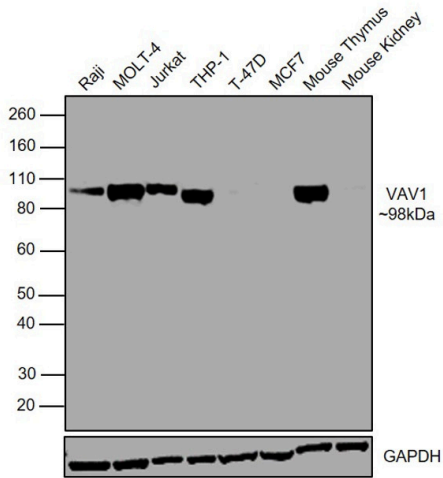
VAV1 Antibody (PA5-17834) in WB

Western blot was performed using Anti-VAV1 Polyclonal Antibody (Product # PA5-17834) and a 98 kDa band corresponding to VAV1 was observed in Raji, MOLT-4, Jurkat, THP-1, Mouse Thymus but not in T-47D, MCF7 and Mouse Kidney. Whole cell extracts (30 µg) of Raji (Lane 1), MOLT-4 (Lane 2), Jurkat (Lane 3), THP-1 (Lane 4), T-47D (Lane 5) and MCF7 (Lane 6), and Tissue extracts (30 µg) of Mouse Thymus (Lane 7) and Mouse Kidney (Lane 8) were electrophoresed using NuPAGE® 10 % Bis-Tris gel (Product # NP0302BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (4 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076).



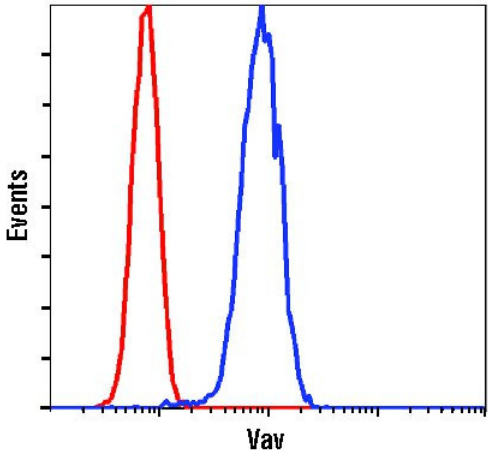
VAV1 Antibody (PA5-17834)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines and tissues owing to their inherent genetic constitution. Relative expression of VAV1 was observed in Raji, MOLT-4, Jurkat, THP-1 and Mouse Thymus, not in T-47D, MCF7 and Mouse Kidney using VAV1 Polyclonal Antibody (Product # PA5-17834) in western blot. {RE}



VAV1 Antibody (PA5-17834) in Flow

Flow cytometric analysis of Vav1 in untreated Jurkat cells using a Vav1 polyclonal antibody (Product # PA5-17834) (blue) compared to a nonspecific negative control antibody (red).



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