

DESCRIPTION

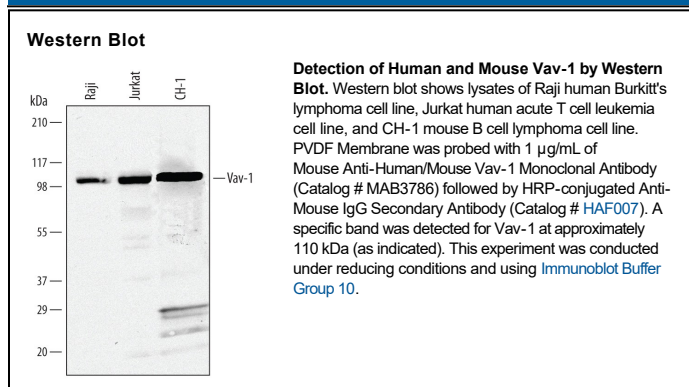
Species Reactivity	Human/Mouse
Specificity	Detects human and mouse Vav-1 in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 591529
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Vav-1 Trp25-Leu228 Accession # P15498
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

The Vav-1 proto-oncogene is a guanine nucleotide exchange factor (GEF) for the low molecular weight GTPases of the Rho/Rac family. Vav-1 promotes intracellular signaling by its multiple protein binding motifs. It is a cytosolic protein primarily expressed in hematopoietic cells and plays an essential role in the proliferation and activation of T and B cells.