

DESCRIPTION

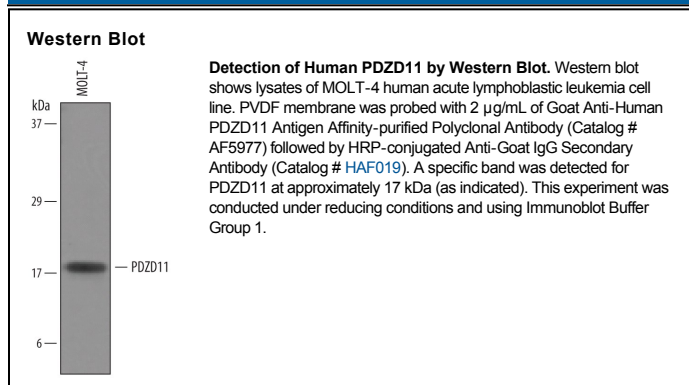
Species Reactivity	Human
Specificity	Detects human PDZD11 in direct ELISAs and Western blots. In direct ELISAs, approximately 5% cross-reactivity with recombinant human PDZD2 and recombinant mouse PDZD2 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human PDZD11 Met1-His140 Accession # Q5EBL8
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 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	2 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 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

PDZD11 (PDZ domain-containing protein 11; also AIPP1a and PISP) is a 17 kDa cytosolic protein that bears resemblance to members of the MALS/VELIS family of proteins. It is ubiquitously expressed, and appears to target calcium and copper ATPases to basolateral cell membranes. Human PDZD11 is 140 amino acids (aa) in length. It contains but one PDZ domain (aa 47-129) that apparently interacts with the C-terminus of partner proteins. One alternative start site exists that is 32 aa upstream of the standard site. This generates the AIPP1b isoform. Full-length human PDZD11 shares 97% aa identity with mouse PDZD11.