

For Research Use Only

PRICKLE1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84926-1-PBS



Basic Information

Catalog Number: 84926-1-PBS	GenBank Accession Number: BC114939	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 144165	CloneNo.: 242506A8
Source: Rabbit	UNIPROT ID: Q96MT3	
Isotype: IgG	Full Name: prickle homolog 1 (Drosophila)	
Immunogen Catalog Number: AG18407	Calculated MW: 831 aa, 94 kDa	
	Observed MW: 94 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

PRICKLE1, also known as RILP, EPM1B, encodes a cytoplasmic protein with an N-terminal PET (Pk, Espinas, Testin) domain, three LIM domains and a C-terminal PKH (prickle homologous) domain. PRICKLE1 is expressed at the highest levels in placenta and lower levels in lung, liver, kidney and pancreas (PMID: 12525887). PRICKLE1 localizes to the nuclear membrane and has been implicated in the nuclear trafficking of the transcription repressors REST/NRSF and REST4. Mutations in PRICKLE1 have been linked to progressive myoclonus epilepsy (PMID: 18976727).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

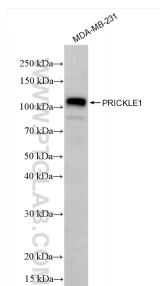
T: 4006900926

E: Proteintech-CN@ptglab.com

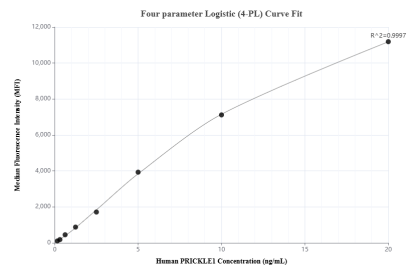
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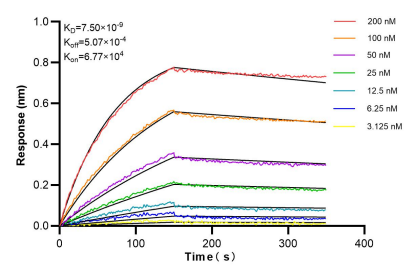
Selected Validation Data



MDA-MB-231 cells were subjected to SDS PAGE followed by western blot with 84926-1-RR (PRICKLE1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84926-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01670-2, PRICKLE1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84926-3-PBS. Detection antibody: 84926-1-PBS. Standard: Ag18407. Range: 0.156-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 84926-1-RR against Human PRICKLE1 were performed. The affinity constant is 7.50 nM.