

For Research Use Only

PDZD8 Recombinant monoclonal antibody

Catalog Number: 87134-1-RR



Basic Information

Catalog Number: 87134-1-RR	GenBank Accession Number: BC028375	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 118987	CloneNo.: 252321A11
Isotype: IgG	UNIPROT ID: Q8NEN9	Recommended Dilutions: WB: 1:1000-1:4000
Immunogen Catalog Number: AG21914	Full Name: PDZ domain containing 8	
	Calculated MW: 1154 aa, 129 kDa	
	Observed MW: 150-160 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HCT 116 cells, HeLa cells, HEK-293 cells
Species Specificity: human	

Background Information

PDZD8 (PDZ domain containing 8) is an SMP (synaptotagmin-like mitochondrial-lipid-binding) domain-containing protein belonging to the tubular lipid-binding protein (TULIP) superfamily of lipid transfer proteins (PMID: 37961523). PDZD8 is an integral ER transmembrane protein present at ER-mitochondria contacts (PMID: 29097544). It is involved in regulating ER-mitochondria associations, mitochondrial calcium ion homeostasis, and lipid transport between the ER and late endosomes/lysosomes (PMID: 37247681; 29097544; 33912962).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

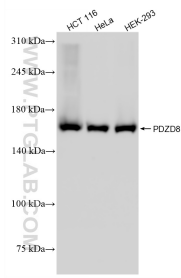
T: 4006900926

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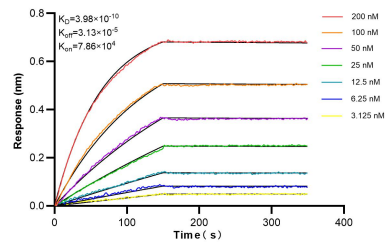
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87134-1-RR (PDZD8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87134-1-RR against Human PDZD8 were performed. The affinity constant is 0.398 nM.