

For Research Use Only

EPB41L3 Recombinant antibody, PBS Only

Catalog Number: 83275-2-PBS



Basic Information

Catalog Number: 83275-2-PBS	GenBank Accession Number: BC008377	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 23136	CloneNo.: 230501D7
Source: Rabbit	UNIPROT ID: Q9Y2J2	
Isotype: IgG	Full Name: erythrocyte membrane protein band 4.1-like 3	
Immunogen Catalog Number: AG1089	Calculated MW: 121 kDa	
	Observed MW: 120-130 kDa	

Applications

Tested Applications:
WB, FC (Intra), Indirect ELISA

Species Specificity:
human

Background Information

EPB41L3, also known as 4.1B and DAL1, belongs to the protein 4.1 family. It is a tumor suppressor that inhibits cell proliferation and promotes apoptosis. EPB41L3 modulates the activity of protein arginine N-methyltransferases, including PRMT3 and PRMT5 (PMID: 15334060, 15737618). DAL1 loss is an early event in meningioma tumorigenesis (PMID: 10888600).

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:

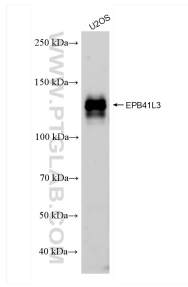
T: 4006900926

E: Proteintech-CN@ptglab.com

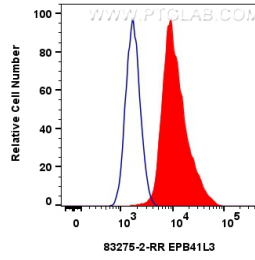
W: ptgcn.com

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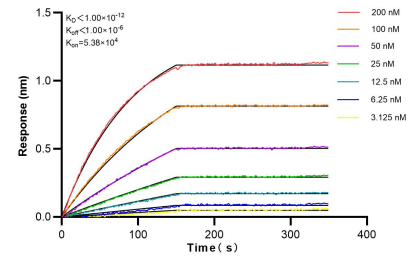
Selected Validation Data



U2OS cells were subjected to SDS PAGE followed by western blot with 83275-2-RR (EPB41L3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83275-2-PBS in a different storage buffer formulation.



1×10^6 U2OS cells were intracellularly stained with 0.25 μ g EPB41L3 Recombinant antibody (83275-2-RR, Clone:230501D7) and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 μ g Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83275-2-PBS in a different storage buffer formulation.



Biacore interferometry (BLI) kinetic assays of 83275-2-RR against Human EPB41L3 were performed. The affinity constant is below 1 pM.