

For Research Use Only

# EPB41L3 Recombinant antibody, PBS Only

Catalog Number: 83275-2-PBS

Featured Product



## Basic Information

Catalog Number:

83275-2-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1089

GenBank Accession Number:

BC008377

GeneID (NCBI):

23136

UNIPROT ID:

Q9Y2J2

Full Name:

erythrocyte membrane protein band 4.1-like 3

Calculated MW:

121 kDa

Observed MW:

120-130 kDa

Purification Method:

Protein A purification

CloneNo.:

230501D7

## 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.

Storage Buffer:

PBS Only

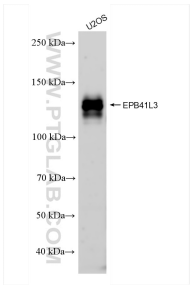
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

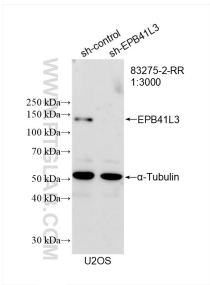
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

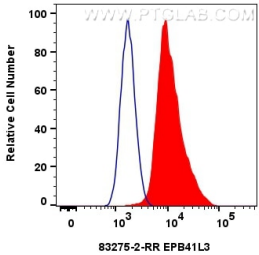
Selected Validation Data



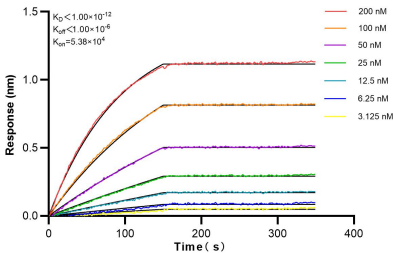
U2OS cells were subjected to SDS PAGE followed by western blot with 83275-2-RR (EPB41L3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83275-2-PBS in a different storage buffer formulation.



WB result of EPB41L3 antibody (83275-2-RR; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EPB41L3 transfected U2OS cells. This data was developed using the same antibody clone with 83275-2-PBS in a different storage buffer formulation.



1x10<sup>6</sup> U2OS cells were intracellularly stained with 0.25 ug EPB41L3 Recombinant antibody (83275-2-RR, Clone:230501D7) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug 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.



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