

For Research Use Only

# EPB41L3 Recombinant antibody

Catalog Number: 83275-2-RR

Featured Product



## Basic Information

Catalog Number:

83275-2-RR

Size:

1000 ug/ml

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

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : U2OS cells,

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

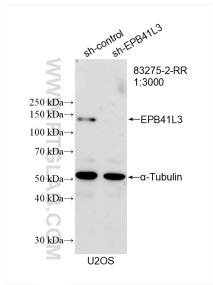
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

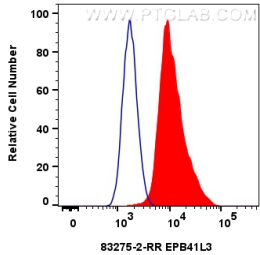
W: [ptgcn.com](http://ptgcn.com)

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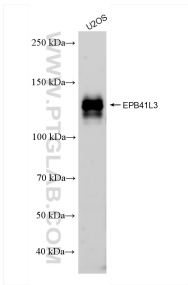
Selected Validation Data



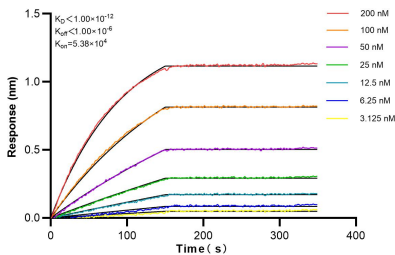
WB result of EPB41L3 antibody (83275-2-RR; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EPB41L3 transfected U2OS cells.



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).



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.



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