

For Research Use Only

# Dematin Polyclonal antibody, PBS Only

Catalog Number:16808-1-PBS



## Basic Information

Catalog Number:

16808-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10300

GenBank Accession Number:

BC017445

GeneID (NCBI):

2039

UNIPROT ID:

Q08495

Full Name:

erythrocyte membrane protein band

4.9 (dematin)

Calculated MW:

405 aa, 46 kDa

Observed MW:

48-52 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

Dematin (band 4.9) is a widely expressed cytoskeletal protein which regulates cell shape and cell migration. It is best known for its role within the red blood cell (RBC), where it has been localized to the spectrin-actin junctions of RBC membrane. Dematin has a 48 kDa subunit containing a headpiece domain and a 52 kDa subunit.

## 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:

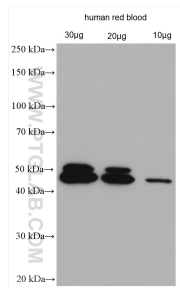
T: 4006900926

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

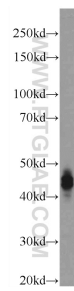
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



human red blood cells were subjected to SDS PAGE followed by western blot with 16808-1-AP (Dematin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16808-1-PBS in a different storage buffer formulation.



rat brain tissue were subjected to SDS PAGE followed by western blot with 16808-1-AP (Dematin antibody at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16808-1-PBS in a different storage buffer formulation.