

For Research Use Only

# ANKRD46 Recombinant monoclonal antibody

Catalog Number: 86827-4-RR



## Basic Information

Catalog Number:

86827-4-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26623

GenBank Accession Number:

BC060843

GeneID (NCBI):

157567

UNIPROT ID:

Q86W74

Full Name:

ankyrin repeat domain 46

Observed MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

251840D6

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:250-1:1000

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, mouse brain tissue, MDA-MB-231 cells, HepG2 cells, Jurkat cells, rat brain tissue

IF/ICC : Jurkat cells, HEK-293 cells

## Background Information

ANKRD46 encodes a protein containing multiple ankyrin repeats. Ankyrin domains function in protein-protein interactions in a variety of cellular processes. ANKRD46 also known as ankyrin repeat small protein (ANK-S), is a 228-amino acid single-pass membrane protein (PMID: 21219636).

## 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:

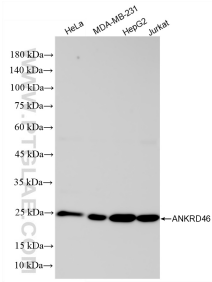
T: 4006900926

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

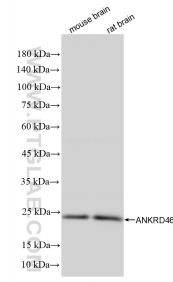
W: [ptgcn.com](http://ptgcn.com)

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

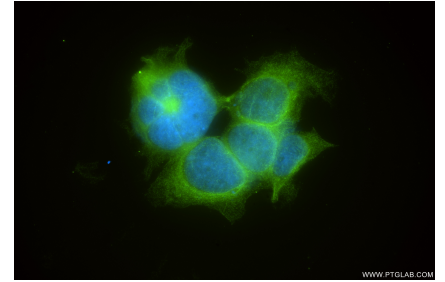
## Selected Validation Data



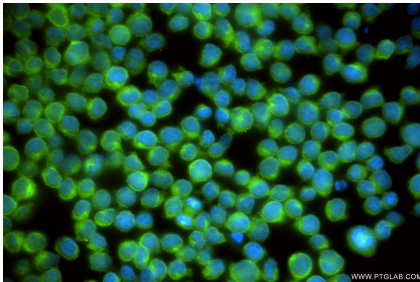
Various lysates were subjected to SDS PAGE followed by western blot with 86827-4-RR (ANKRD46 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



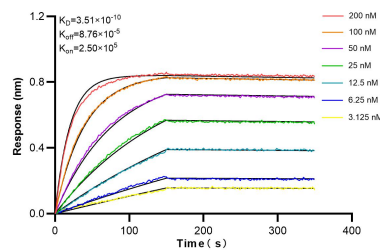
Various lysates were subjected to SDS PAGE followed by western blot with 86827-4-RR (ANKRD46 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using ANKRD46 antibody (86827-4-RR, Clone: 251840D6) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using ANKRD46 antibody (86827-4-RR, Clone: 251840D6) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 86827-4-RR against Human ANKRD46 were performed. The affinity constant is 0.351 nM.