

For Research Use Only

# FADD Recombinant antibody

Catalog Number: 84619-5-RR



## Basic Information

Catalog Number:

84619-5-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6701

GenBank Accession Number:

BC000334

GeneID (NCBI):

8772

UNIPROT ID:

Q13158

Full Name:

Fas (TNFRSF6)-associated via death domain

Calculated MW:

23 kDa

Observed MW:

29 kDa

Purification Method:

Protein A purification

CloneNo.:

241976A11

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:125-1:500

## Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, HeLa cells, HepG2 cells, Jurkat cells

IF/ICC : HeLa cells,

## Background Information

Fas-Associated protein with Death Domain (FADD), also called MORT1 or GIG3, is encoded by the FADD gene. FADD is an adaptor protein that bridges members of the tumor necrosis factor receptor superfamily, such as the Fas-receptor, to procaspases 8 and 10 to form the death-inducing signaling complex (DISC) during apoptosis. As well as its most well known role in apoptosis, FADD has also been seen to play a role in other processes including proliferation, cell cycle regulation and development. FADD has a calculated molecular mass of 23 kDa and always can be detected as 23-30 kDa (PMID: 15390286, 22864571, 17977957)

## 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:

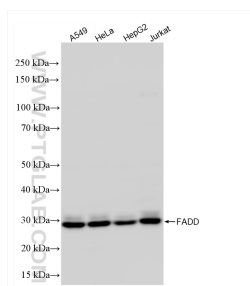
T: 4006900926

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

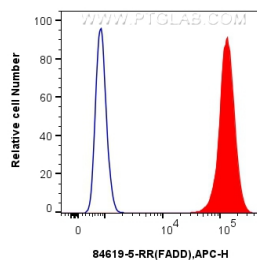
W: [ptgcn.com](http://ptgcn.com)

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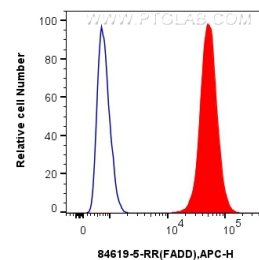
## Selected Validation Data



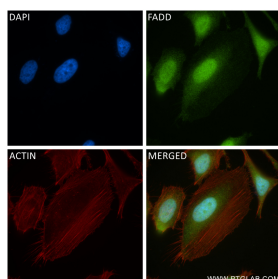
Various lysates were subjected to SDS PAGE followed by western blot with 84619-5-RR (FADD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



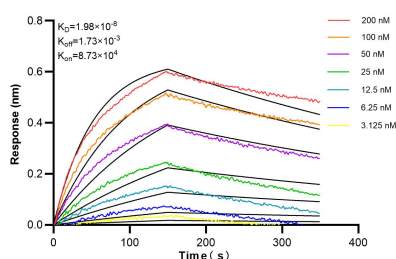
1x10<sup>6</sup> A431 cells were intracellularly stained with 0.25 ug FADD Recombinant antibody (84619-5-RR, Clone:241976A11) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10<sup>6</sup> HT-1080 cells were intracellularly stained with 0.25 ug FADD Recombinant antibody (84619-5-RR, Clone:241976A11) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using FADD antibody (84619-5-RR, Clone: 241976A11 ) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 84619-5-RR against Human FADD were performed. The affinity constant is 19.8 nM.