

For Research Use Only

# FAM116A Recombinant antibody

Catalog Number: 83473-3-RR



## Basic Information

<b>Catalog Number:</b> 83473-3-RR	<b>GenBank Accession Number:</b> BC040291	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 201627	<b>CloneNo.:</b> 240486B9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IWF6	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> family with sequence similarity 116, member A	
<b>Immunogen Catalog Number:</b> AG22052	<b>Calculated MW:</b> 608 aa, 70 kDa	
	<b>Observed MW:</b> 61 kDa	

## Applications

<b>Tested Applications:</b> WB, FC (Intra), ELISA	<b>Positive Controls:</b> WB : PC-3 cells, HEK-293 cells
<b>Species Specificity:</b> human	

## Background Information

FAM116A has DENN-related domains, which are required for cell migration.

## 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:

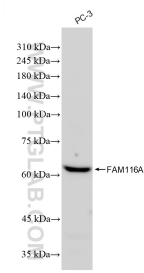
T: 4006900926

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

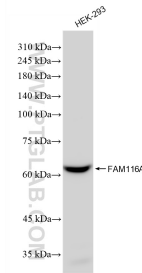
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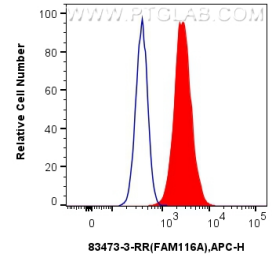
## Selected Validation Data



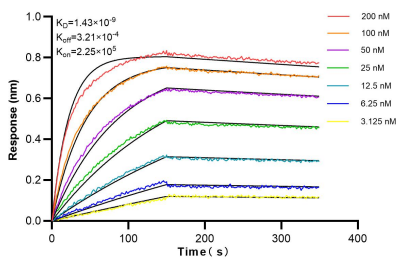
PC-3 cells were subjected to SDS PAGE followed by western blot with 83473-3-RR (FAM116A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 83473-3-RR (FAM116A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  HepG2 cells were intracellularly stained with 0.25  $\mu$ g FAM116A Recombinant antibody (83473-3-RR, Clone:240486B9) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83473-3-RR against Human FAM116A were performed. The affinity constant is 1.43 nM.