

For Research Use Only

# FAM116A Recombinant antibody, PBS Only (Detector)



Catalog Number:83473-3-PBS

## Basic Information

Catalog Number: 83473-3-PBS	GenBank Accession Number: BC040291	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 201627	CloneNo.: 240486B9
Source: Rabbit	UNIPROT ID: Q8IWF6	
Isotype: IgG	Full Name: family with sequence similarity 116, member A	
Immunogen Catalog Number: AG22052	Calculated MW: 608 aa, 70 kDa	

## Applications

**Tested Applications:**  
WB, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Background Information

### 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:

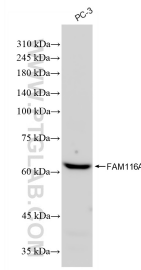
T: 4006900926

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

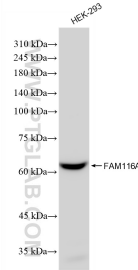
W: [ptgcn.com](http://ptgcn.com)

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

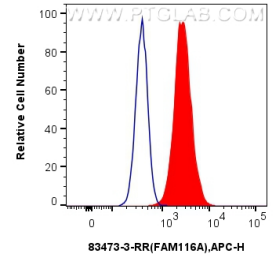
## Selected Validation Data



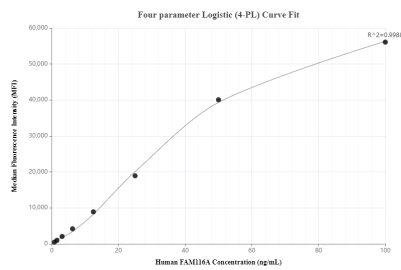
PC-3 cells were subjected to SDS PAGE followed by western blot with 83473-3-RR (FAM116A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83473-3-PBS in a different storage buffer formulation.



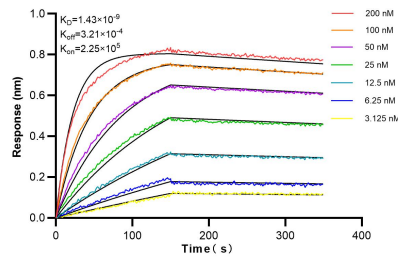
HEK-293 cells were subjected to SDS PAGE followed by western blot with 83473-3-RR (FAM116A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83473-3-PBS in a different storage buffer formulation.



$1 \times 10^6$  HepG2 cells were intracellularly stained with 0.25 ug FAM116A Recombinant antibody (83473-3-RR, Clone:240486B9) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83473-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00477-1, FAM116A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83473-1-PBS. Detection antibody: 83473-3-PBS. Standard: Ag22052. Range: 0.78-100 ng/mL.



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