

For Research Use Only

# FAM84B Recombinant monoclonal antibody

Catalog Number: 87176-3-RR



## Basic Information

Catalog Number:

87176-3-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13243

GenBank Accession Number:

BC052957

GeneID (NCBI):

157638

UNIPROT ID:

Q96KN1

Full Name:

family with sequence similarity 84, member B

Calculated MW:

34 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

252473G6

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : MCF-7 cells, mouse stomach tissue, MDA-MB-453 cells, rat stomach tissue

IF/ICC : MCF-7 cells,

## Background Information

FAM84B (Family with sequence similarity 84 member B) is a protein-coding gene located on human chromosome 8. Although its full physiological function remains under investigation, accumulating evidence links FAM84B to cell proliferation, cytoskeletal organization and cancer progression. In several tumor types-most notably prostate, esophageal squamous-cell, breast and glioma-FAM84B is frequently amplified or over-expressed, and high expression often correlates with advanced stage, higher Gleason score and poorer patient survival.

## 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:

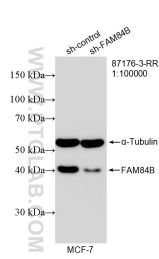
T: 4006900926

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

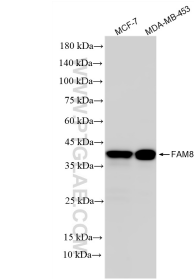
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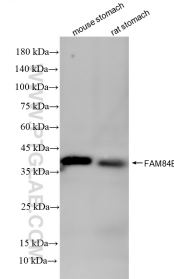
Selected Validation Data



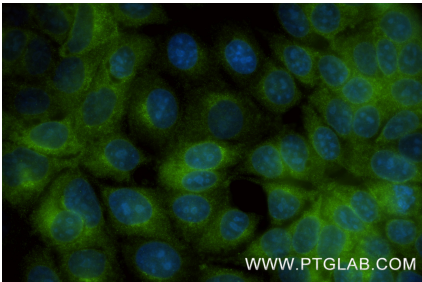
WB result of FAM84B antibody (87176-3-RR; 1:100000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FAM84B transfected MCF-7 cells.



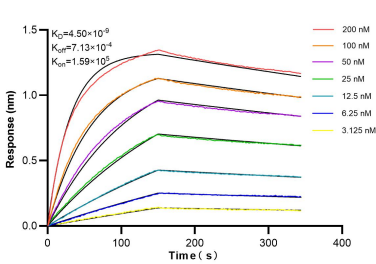
Various lysates were subjected to SDS PAGE followed by western blot with 87176-3-RR (FAM84B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using FAM84B antibody (87176-3-RR, Clone: 252473G6 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 87176-3-RR against Human FAM84B were performed. The affinity constant is 4.50 nM.