

For Research Use Only

FAM84B Recombinant monoclonal antibody

Catalog Number: 87176-3-RR



Basic Information

Catalog Number: 87176-3-RR	GenBank Accession Number: BC052957	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 157638	CloneNo.: 252473G6
Source: Rabbit	UNIPROT ID: Q96KN1	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:200-1:800
Isotype: IgG	Full Name: family with sequence similarity 84, member B	
Immunogen Catalog Number: AG13243	Calculated MW: 34 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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

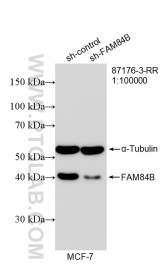
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

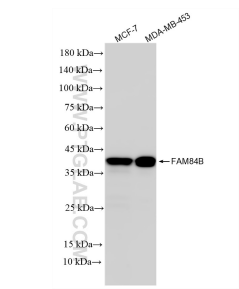
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

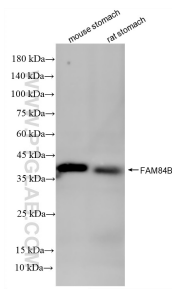
Selected Validation Data



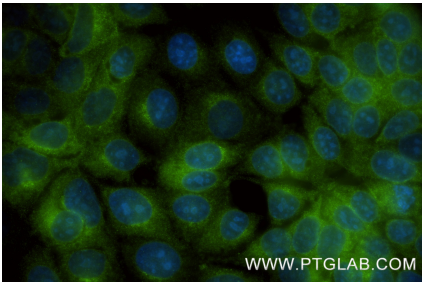
WB result of FAM84B antibody (87176-3-RR; 1:100000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FAM84B transfected MCF-7 cells.



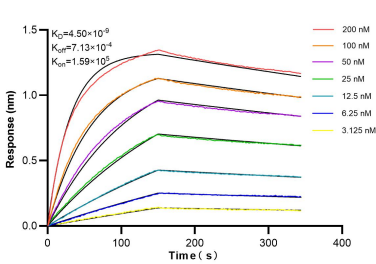
Various lysates were subjected to SDS PAGE followed by western blot with 87176-3-RR (FAM84B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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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.