

For Research Use Only

# FAM83A Polyclonal antibody

Catalog Number: 29289-1-AP



## Basic Information

<b>Catalog Number:</b> 29289-1-AP	<b>GenBank Accession Number:</b> BC007828	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84985	<b>Recommended Dilutions:</b> WB: 1:500-1:3000 IHC: 1:300-1:1200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86UY5	
<b>Isotype:</b> IgG	<b>Full Name:</b> family with sequence similarity 83, member A	
<b>Immunogen Catalog Number:</b> AG30946	<b>Calculated MW:</b> 434 aa, 47 kDa	
	<b>Observed MW:</b> 47-58 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : DU 145 cells, IHC : human colon cancer tissue,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

FAM83A plays a pivotal role in various biological processes, such as apoptosis, growth, and metastasis. Growing evidence highlights the pro-tumorigenic activity of FAM83A through various signaling pathways, such as the Wnt/ $\beta$ -catenin, ERK, and PI3K/Akt pathways.

## 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

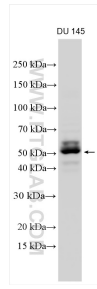
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

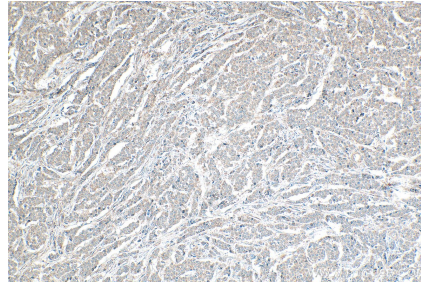
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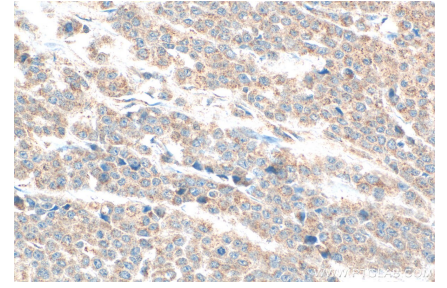
## Selected Validation Data



DU145 cells were subjected to SDS PAGE followed by western blot with 29289-1-AP (FAM83A antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 29289-1-AP (FAM83A antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 29289-1-AP (FAM83A antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).