

For Research Use Only

# FAM185A Recombinant antibody

Catalog Number: 83921-3-RR



## Basic Information

<b>Catalog Number:</b> 83921-3-RR	<b>GenBank Accession Number:</b> BC029175	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 222234	<b>CloneNo.:</b> 240804F7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NOU4	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> family with sequence similarity 185, member A	
<b>Immunogen Catalog Number:</b> AG15041	<b>Calculated MW:</b> 393 aa, 42 kDa	
	<b>Observed MW:</b> 45 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HT-29 cells,
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human ovarian cancer,

## Storage

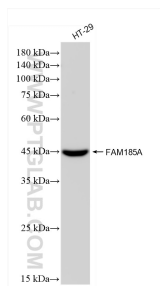
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

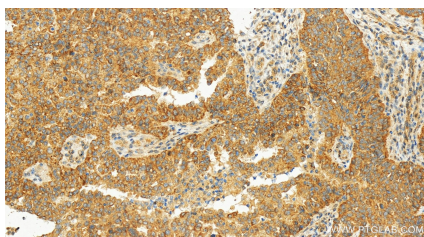
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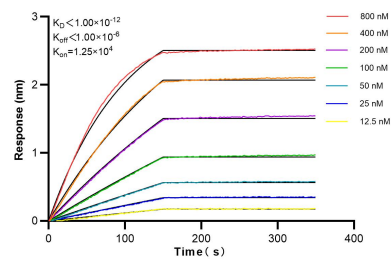
## Selected Validation Data



HT-29 cells were subjected to SDS PAGE followed by western blot with 83921-3-RR (FAM185A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 83921-3-RR (FAM185A antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 83921-3-RR against Human FAM185A were performed. The affinity constant is below 1 pM.