

For Research Use Only

# Kindlin 2 Polyclonal antibody

Catalog Number: 29911-1-AP



## Basic Information

<b>Catalog Number:</b> 29911-1-AP	<b>GenBank Accession Number:</b> BC017327	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10979	<b>Recommended Dilutions:</b> WB 1:2000-1:12000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96AC1	
<b>Isotype:</b> IgG	<b>Full Name:</b> fermitin family homolog 2 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG31795	<b>Calculated MW:</b> 680 aa, 78 kDa	
	<b>Observed MW:</b> 78 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> A549 cells, HEK-293 cells, HeLa 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 lung cancer tissue, human normal colon

## Background Information

FERMT2, also named as KIND2, MIG2, PLEKHC1, MIG-2 and Kindlin-2, belongs to the kindlin family. There are three FERMT2 isoforms that participate in the connection between extracellular matrix (ECM) adhesion sites and the actin cytoskeleton and also in the orchestration of actin assembly and cell shape modulation. FERMT2 recruits migfilin (FBLP1) protein to cell-ECM focal adhesion sites. Variable expression in human cancers and mesenchymal cancer invasion are now linked with FERMT2, which may play an important role in carcinomas development.

## Storage

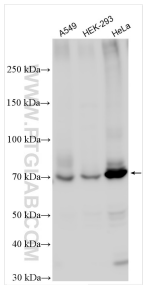
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

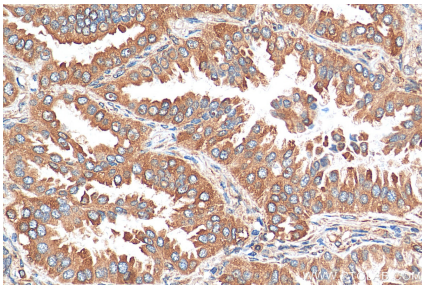
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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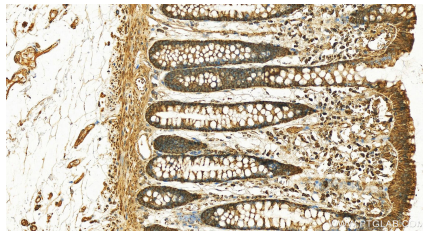
Selected Validation Data



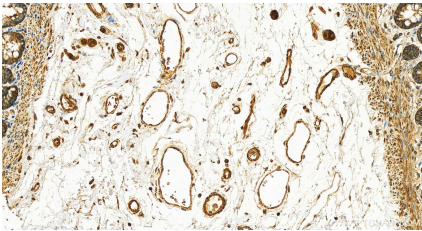
Various lysates were subjected to SDS PAGE followed by western blot with 29911-1-AP (Kindlin 2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 29911-1-AP (Kindlin 2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 29911-1-AP (Kindlin 2 antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 29911-1-AP (Kindlin 2 antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).