

For Research Use Only

# Kindlin 3 Polyclonal antibody

Catalog Number: 18131-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 18131-1-AP	<b>GenBank Accession Number:</b> BC004347	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 280 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 83706	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:20-1:200 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> fermitin family homolog 3 (Drosophila)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 76 kDa	
<b>Immunogen Catalog Number:</b> AG12713	<b>Observed MW:</b> 72-76 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, Raji cells IHC : human lymphoma tissue, IF : HeLa cells,
<b>Cited Applications:</b> IF	
<b>Species Specificity:</b> human, mouse, rat	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Kindlin-3 (FERMT-3) is known to be central in hemostasis and thrombosis control and its deficiency disrupts platelet aggregation and causes Leukocyte Adhesion Deficiency disease. Point mutations in the kindlin-3 gene have been identified in humans with a rare inherited Integrin Activation efficiency Disease (IADD), also designated as Leukocyte Adhesion Deficiency syndrome (LAD-III or LAD1 variant). Kindlin-3 expression is restricted to cells of hematopoietic origin.

## Notable Publications

Author	Pubmed ID	Journal	Application
Brooke R D'Arcy	36854011	PLoS Biol	IF

## 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

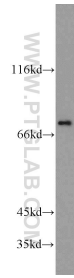
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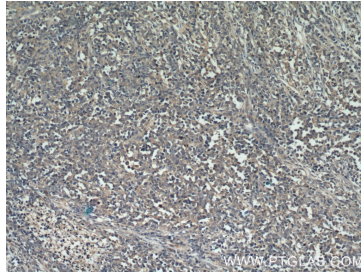
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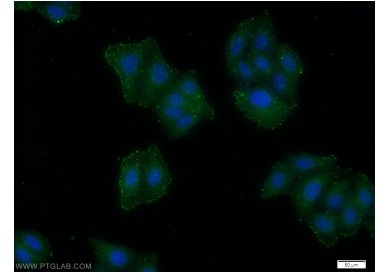
## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 18131-1-AP (FERMT3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 18131-1-AP (FERMT3 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of HeLa cells using 18131-1-AP (FERMT3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).