

For Research Use Only

Kindlin 3 Polyclonal antibody

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



Basic Information

Catalog Number: 18131-1-AP	GenBank Accession Number: BC004347	Purification Method: Antigen affinity purification
Size: 280 µg/ml	GeneID (NCBI): 83706	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200 IF 1:20-1:200
Source: Rabbit	UNIPROT ID: Q86UX7	
Isotype: IgG	Full Name: fermitin family homolog 3 (Drosophila)	
Immunogen Catalog Number: AG12713	Calculated MW: 76 kDa	
	Observed MW: 72-76 kDa	

Applications

Tested Applications: IF/ICC, IHC, WB, ELISA	Positive Controls: WB : Jurkat cells, Raji cells IHC : human lymphoma tissue, IF : HeLa cells,
Cited Applications: IF	
Species Specificity: 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 LADI 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

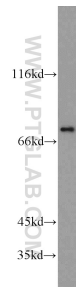
Storage

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

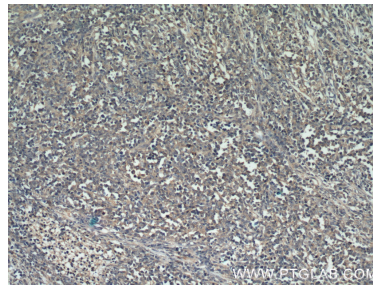
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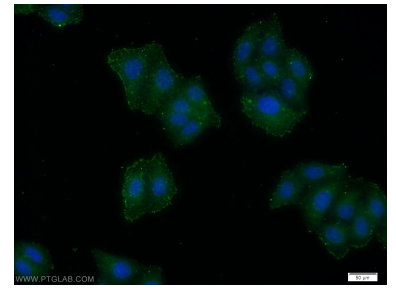
Selected Validation Data



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).