

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: 150ul , Concentration: 280 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 83706	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200 IF/ICC 1:50-1:500
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: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : J774A.1 cells, Jurkat cells, Raji cells, THP-1 cells, mouse kidney tissue, rat kidney tissue, K-562 cells
Cited Applications: IF	IHC : human lymphoma tissue,
Species Specificity: human, mouse, rat	IF/ICC : THP-1 cells,
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

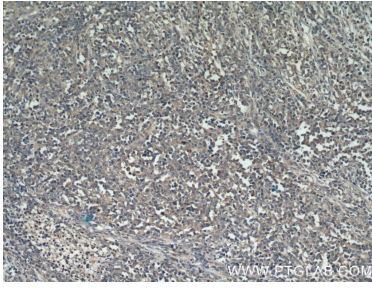
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

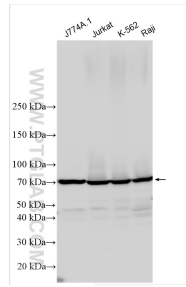
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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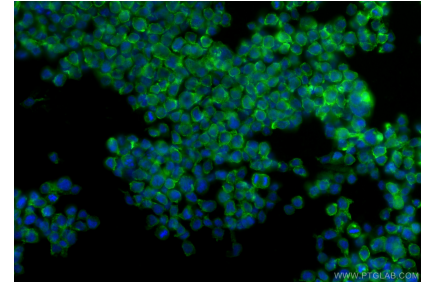
Selected Validation Data



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



Various lysates were subjected to SDS PAGE followed by western blot with 18131-1-AP (Kindlin 3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using Kindlin 3 antibody (18131-1-AP) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).