

For Research Use Only

IKZF1 Monoclonal antibody, PBS Only

Catalog Number: 66966-1-PBS

Featured Product



Basic Information

Catalog Number: 66966-1-PBS	GenBank Accession Number: BC018349	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 10320	CloneNo.: 1D6B5
Source: Mouse	UNIPROT ID: Q13422	
Isotype: IgG1	Full Name: IKAROS family zinc finger 1 (Ikaros)	
Immunogen Catalog Number: AG28637	Calculated MW: 477 aa, 53 kDa	
	Observed MW: 55-65 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, pig, rabbit

Background Information

IKZF1, also known as DNA-binding protein Ikaros, belongs to the Ikaros C2H2-type zinc-finger protein family. The N-terminal zinc-fingers 2 and 3 are required for DNA binding as well as for targeting IKZF1 to pericentromeric heterochromatin. The C-terminal zinc-finger domain is required for dimerization. IKZF1 is abundantly expressed in thymus, spleen and peripheral blood leukocytes and lymph nodes. IKZF1 is localized in nucleus. IKZF1 as a transcription regulator of hematopoietic cell differentiation binds gamma-satellite DNA and plays a role in the development of lymphocytes, B- and T-cells. Binds and activates the enhancer (delta-A element) of the CD3-delta gene. IKZF1 is a repressor of the TDT (f1kzfterminal deoxynucleotidyltransferase) gene during thymocyte differentiation. IKZF1 exists some isoforms with MV 58kDa, 48kDa, 48kDa, 43kDa, 41kDa, 32kDa and 53kDa, respectively.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

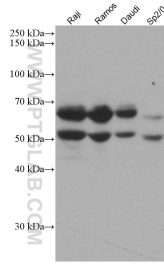
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

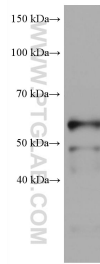
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

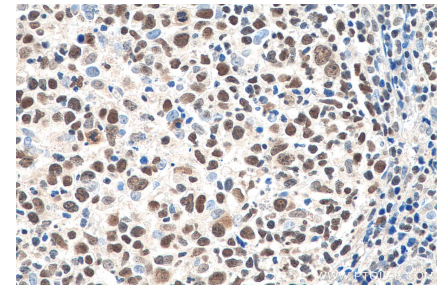
Selected Validation Data



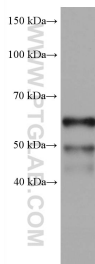
Various lysates were subjected to SDS PAGE followed by western blot with 66966-1-Ig (IKZF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66966-1-PBS in a different storage buffer formulation.



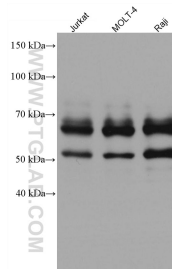
rabbit spleen tissue were subjected to SDS PAGE followed by western blot with 66966-1-Ig (IKZF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66966-1-PBS in a different storage buffer formulation.



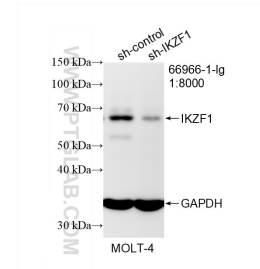
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66966-1-Ig (IKZF1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66966-1-PBS in a different storage buffer formulation.



pig thymus tissue were subjected to SDS PAGE followed by western blot with 66966-1-Ig (IKZF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66966-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 66966-1-Ig (IKZF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66966-1-PBS in a different storage buffer formulation.



WB result of IKZF1 antibody (66966-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-IKZF1 transfected MOLT-4 cells. This data was developed using the same antibody clone with 66966-1-PBS in a different storage buffer formulation.