

For Research Use Only

HELIOS Monoclonal antibody, PBS Only



Catalog Number: 68558-1-PBS

Basic Information

Catalog Number: 68558-1-PBS	GenBank Accession Number: BC028936	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 22807	CloneNo.: 1F1F10
Source: Mouse	UNIPROT ID: Q9UKS7	
Isotype: IgG2b	Full Name: IKAROS family zinc finger 2 (Helios)	
Immunogen Catalog Number: AG4357	Calculated MW: 500 aa, 57 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications:
WB, IP, Indirect ELISA

Species Specificity:
Human

Background Information

IKZF2 (Helios), a member of the Ikaros transcription factor family, is expressed in a majority of Treg cells and some T cell and lymphocyte subsets. The expression of IKZF2 is associated with T cell activation and cellular division and is suggested a suitable marker to distinguish natural and induced Treg (PMID:21918685). IKZF2 plays a crucial role in maintaining function and stability of Treg cells, and IKZF2 deficiency reduces tumor growth in mice (PMID: 36863346).

Storage

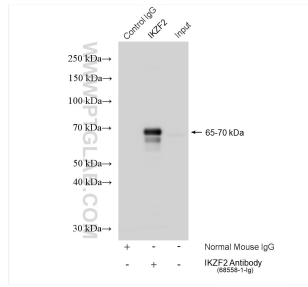
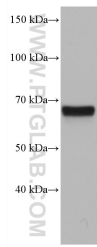
Storage:
Store at -80°C.

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

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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 68558-1-Ig (HELIOS antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68558-1-PBS in a different storage buffer formulation.

IP result of anti-HELIOS (IP:68558-1-Ig, 4ug; Detection:68558-1-Ig 1:3000) with Jurkat cells lysate 1560 ug. This data was developed using the same antibody clone with 68558-1-PBS in a different storage buffer formulation.