

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: 1 mg/ml	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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

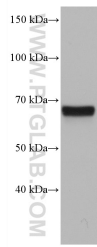
T: 4006900926

E: Proteintech-CN@ptglab.com

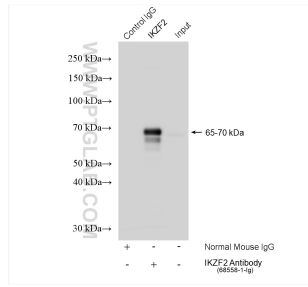
W: ptgcn.com

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

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.