

For Research Use Only

GIMAP5 Monoclonal antibody, PBS Only



Catalog Number: 66943-1-PBS

Basic Information

Catalog Number: 66943-1-PBS	GenBank Accession Number: BC011732	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55340	CloneNo.: 1B6F2
Source: Mouse	UNIPROT ID: Q96F15	
Isotype: IgG1	Full Name: GTPase, IMAP family member 5	
Immunogen Catalog Number: AG18045	Calculated MW: 35 kDa	
	Observed MW: 30-35 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human

Background Information

GIMAP5 gene encodes immunity-associated nucleotide 5 protein (IAN5) belonging to GTPase immune-associated protein subfamily. GIMAP5 is widely expressed with high levels in lymph node and spleen. The loss of Gimap5 (GTPase of the 5) gene function is the underlying cause of lymphopenia and autoimmune diabetes in the BioBreeding (BB) rat. Mouse gimap5 is necessary for the survival of peripheral T cells, NK/NKT-cell development, hematopoietic progenitor cell survival and the maintenance of normal liver function. GIMAP5 may regulate T lymphocyte survival by mechanisms that operate upstream of mitochondria.

Storage

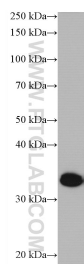
Storage:
Store at -80°C.

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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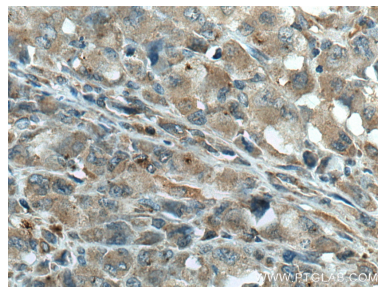
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 66943-1-Ig (GIMAP5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66943-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66943-1-Ig (GIMAP5 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66943-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66943-1-Ig (GIMAP5 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66943-1-PBS in a different storage buffer formulation.