

For Research Use Only

Mouse LAG-3/CD223 Recombinant antibody, PBS Only

Catalog Number: 83941-7-PBS



Basic Information

Catalog Number:	83941-7-PBS	GenBank Accession Number:	NM_008479.2	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GeneID (NCBI):	16768	CloneNo.:	241007B1
Source:	Rabbit	UNIPROT ID:	Q61790		
Isotype:	IgG	Full Name:	lymphocyte-activation gene 3		
Immunogen Catalog Number:	EG1220	Calculated MW:	57kDa		

Applications

Tested Applications:
IHC, Indirect ELISA
Species Specificity:
mouse

Background Information

LAG-3, also known as CD223, is an immune checkpoint molecule that regulates both T-cell activation and homeostasis. LAG-3 is expressed on activated T cells, NK cells, regulatory T cells, and plasmacytoid dendritic cells. It is a CD4-related molecule that binds MHC class II. LAG-3 plays an important role in modulating T cell expansion and function, and blockade of LAG-3 with monoclonal antibodies can augment T cell function. (PMID: 15634887; 21086108; 28783703)

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, pH7.3

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

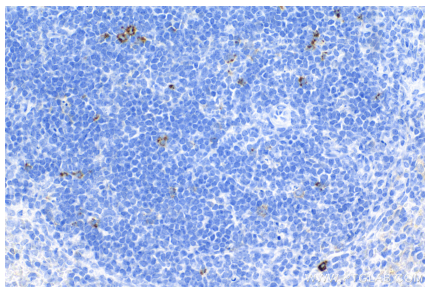
T: 4006900926

E: Proteintech-CN@ptglab.com

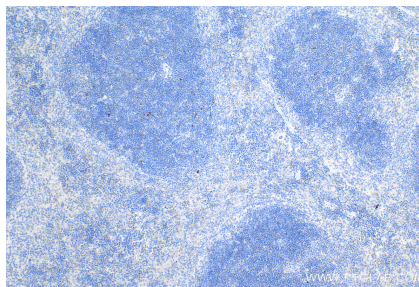
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 83941-7-RR (LAG-3/CD223 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 83941-7-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 83941-7-RR (LAG-3/CD223 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83941-7-PBS in a different storage buffer formulation.