

For Research Use Only

LAG-3/CD223 Recombinant antibody

Catalog Number: 83941-7-RR



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
83941-7-RR	NM_008479.2	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 µg/ml by Nanodrop;	16768	241007B1
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q61790	IHC 1:500-1:2000
Isotype:	Full Name:	
IgG	lymphocyte-activation gene 3	
Immunogen Catalog Number:	Calculated MW:	
EG1220	57kDa	

Applications

Tested Applications:	Positive Controls:
IHC, ELISA	IHC : mouse spleen tissue,
Species Specificity:	
mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

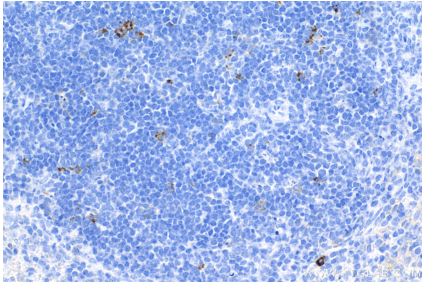
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

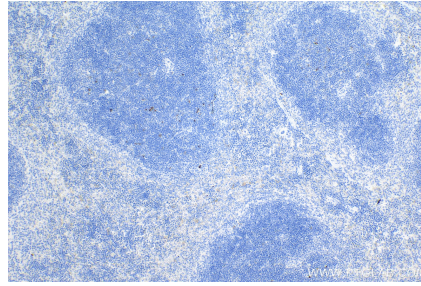
For technical support and original validation data for this product please contact:
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Selected Validation Data



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).



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).