

For Research Use Only

LAG-3/CD223 Polyclonal antibody

Catalog Number: 29548-1-AP **2 Publications**



Basic Information

Catalog Number: 29548-1-AP	GenBank Accession Number: NM_002286	Purification Method: Antigen affinity purification
Size: 700 ug/ml	GeneID (NCBI): 3902	Recommended Dilutions: IHC 1:2000-1:8000
Source: Rabbit	UNIPROT ID: P18627	
Isotype: IgG	Full Name: lymphocyte-activation gene 3	
	Calculated MW: 57 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human tonsillitis tissue,
Cited Applications: IHC	
Species Specificity: human	
Cited Species: human	
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)

Notable Publications

Author	Pubmed ID	Journal	Application
Jinwu Peng	38115039	Eur J Med Res	IHC
Fei Lin	37575241	Front Immunol	IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

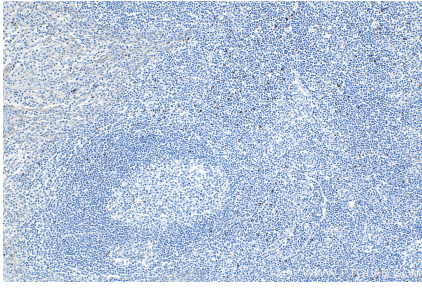
T: 4006900926

E: Proteintech-CN@ptglab.com

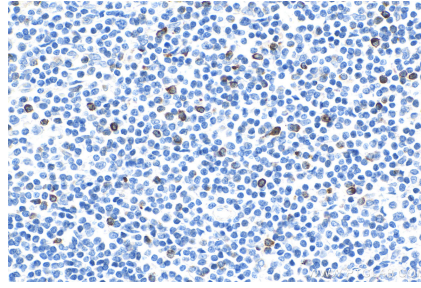
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 29548-1-AP (LAG-3 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 29548-1-AP (LAG-3 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).