

For Research Use Only

CD8a Polyclonal antibody

Catalog Number: 17335-1-AP **9 Publications**



Basic Information

Catalog Number: 17335-1-AP	GenBank Accession Number: BC025715	Purification Method: Antigen affinity purification
Size: 190 µg/ml	GeneID (NCBI): 925	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	ENSEMBL Gene ID: ENSG00000153563	
Isotype: IgG	UNIPROT ID: P01732	
Immunogen Catalog Number: AG11370	Full Name: CD8a molecule	
	Calculated MW: 235 aa, 26 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human tonsillitis tissue,
Cited Applications: IF, 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

CD8a is the alpha chain of CD8, a transmembrane glycoprotein that is predominantly expressed on the surface of cytotoxic T cells, and can also be found on natural killer cells, cortical thymocytes, and dendritic cells. CD8 serves as a co-receptor for the T cell receptor (TCR). Both CD8 and TCR recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. CD8 plays a role in T cell development and activation of mature T cells.

Notable Publications

Author	Pubmed ID	Journal	Application
Dong Liu	30374827	Virol Sin	IHC
Qiong Wang	32039020	Front Oncol	IHC
Yaolin Xu	30854074	Oncol Lett	IF

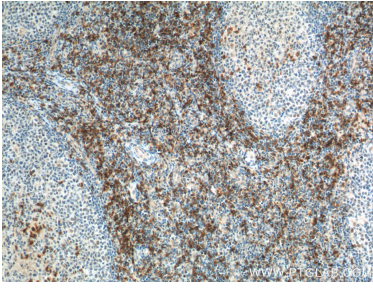
Storage

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

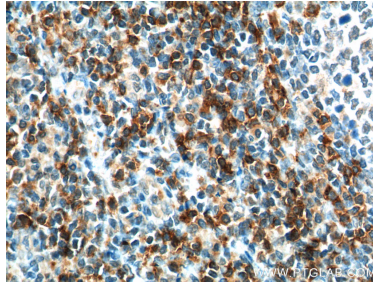
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17335-1-AP (CD8A Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17335-1-AP (CD8A Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).