

For Research Use Only

CD8b Monoclonal antibody

Catalog Number: 68432-1-Ig



Basic Information

Catalog Number: 68432-1-Ig	GenBank Accession Number: BC100913	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 926	CloneNo.: 4B3B8
Source: Mouse	Full Name: CD8b molecule	Recommended Dilutions: IHC 1:1000-1:4000
Isotype: IgG1	Calculated MW: 243 aa, 27 kDa	
Immunogen Catalog Number: AG16925		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human breast cancer tissue,
Species Specificity: 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

CD8 is 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. This antibody is raised against 22-171 aa of human CD8 β , the beta chain of CD8 molecule.

Storage

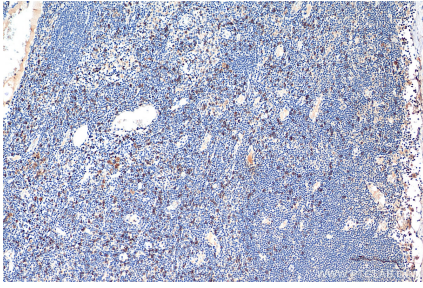
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

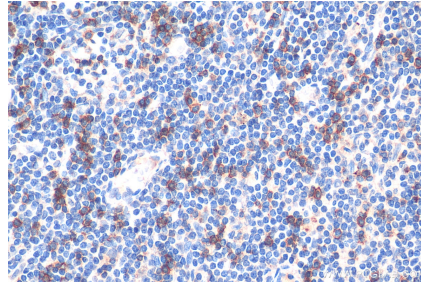
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 68432-1-Ig (CD8 beta antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 68432-1-Ig (CD8 beta antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).