

For Research Use Only

CD8b Monoclonal antibody, PBS Only



Catalog Number: 68432-1-PBS

Basic Information

Catalog Number: 68432-1-PBS	GenBank Accession Number: BC100913	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 926	CloneNo.: 4B3B8
Source: Mouse	UNIPROT ID: P10966	
Isotype: IgG1	Full Name: CD8b molecule	
Immunogen Catalog Number: AG16925	Calculated MW: 243 aa, 27 kDa	

Applications

Tested Applications:
Indirect ELISA, IHC

Species Specificity:
Human

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 CD8b, the beta chain of CD8 molecule.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

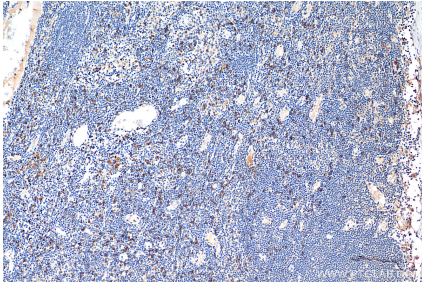
T: 4006900926

E: Proteintech-CN@ptglab.com

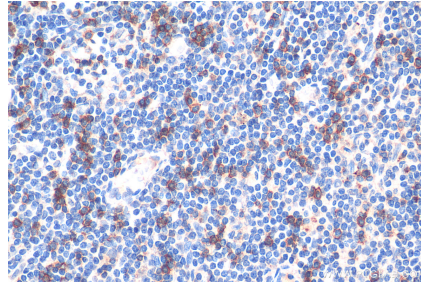
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 68432-1-Ig (CD8b antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68432-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 68432-1-Ig (CD8b antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68432-1-PBS in a different storage buffer formulation.