

For Research Use Only

CD8a Recombinant antibody, PBS Only

Catalog Number: 86063-2-PBS



Basic Information

Catalog Number:	86063-2-PBS	GenBank Accession Number:	NM_001145873.1	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	925	CloneNo.:	243018F10
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000153563	UNIPROT ID:	P01732-1
Isotype:	IgG	Full Name:	CD8a molecule	Calculated MW:	26 kDa
Immunogen Catalog Number:	EG0819				

Applications

Tested Applications:
IHC, IF/ICC, Indirect ELISA

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 22-182 aa of human CD8a, the alpha chain of CD8 molecule.

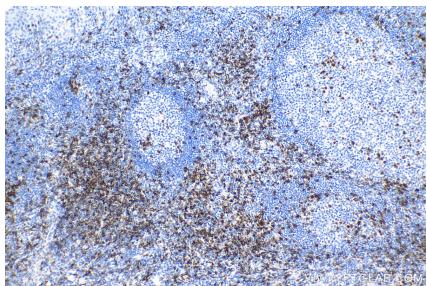
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

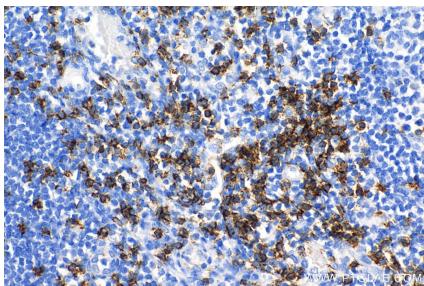
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

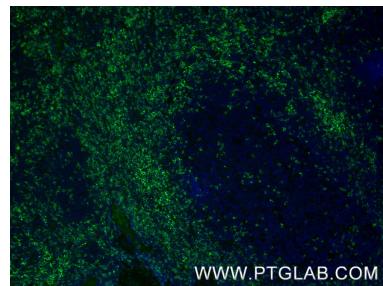
Selected Validation Data



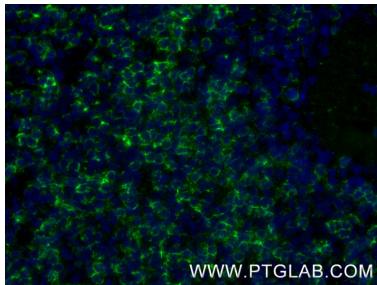
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 86063-2-RR (CD8a antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86063-2-PBS in a different storage buffer formulation.



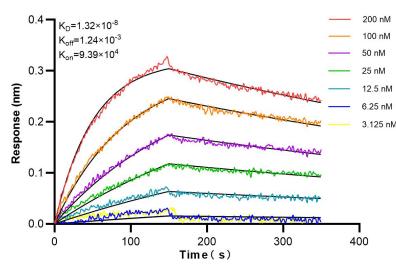
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 86063-2-RR (CD8a antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86063-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD8a antibody (86063-2-RR, Clone: 243018F10) at dilution of 1:800 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86063-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD8a antibody (86063-2-RR, Clone: 243018F10) at dilution of 1:800 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86063-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86063-2-RR against Human CD8a were performed. The affinity constant is 13.2 nM.