

For Research Use Only

CoraLite®594-conjugated CD8a Recombinant monoclonal antibody

Catalog Number:CL594-86063-2



Basic Information

Catalog Number: CL594-86063-2	GenBank Accession Number: NM_001145873.1	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 925	CloneNo.: 243018F10
Source: Rabbit	ENSEMBL Gene ID: ENSG00000153563	Recommended Dilutions: IF-P: 1:50-1:500
Isotype: IgG	UNIPROT ID: P01732-1	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: EG0819	Full Name: CD8a molecule	
	Calculated MW: 26 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : human tonsillitis tissue,
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.

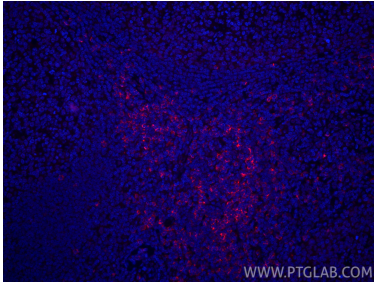
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

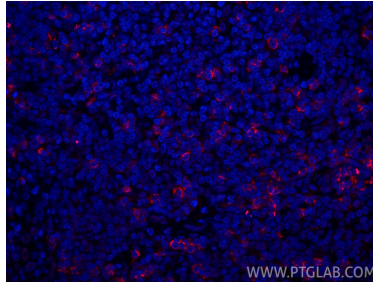
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using CoraLite®594 CD8a antibody (CL594-86063-2, Clone: 243018F10) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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