

For Research Use Only

# CoraLite® Plus 647-conjugated CD8a Recombinant monoclonal antibody

Catalog Number:CL647-86063-2



## Basic Information

Catalog Number:

CL647-86063-2

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0819

GenBank Accession Number:

NM\_001145873.1

GeneID (NCBI):

925

ENSEMBL Gene ID:

ENSG00000153563

UNIPROT ID:

P01732-1

Full Name:

CD8a molecule

Calculated MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

243018F10

Recommended Dilutions:

IF-P: 1:50-1:500

Excitation/Emission maxima  
wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

human

Positive Controls:

IF-P: human tonsillitis tissue,

## 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:

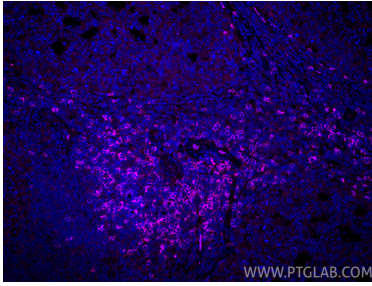
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

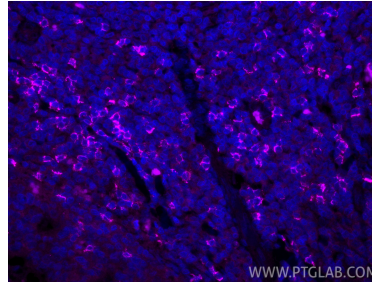
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using CoraLite® Plus 647 CD8a antibody (CL647-86063-2, Clone: 243018F10) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using CoraLite® Plus 647 CD8a antibody (CL647-86063-2, Clone: 243018F10) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).