

For Research Use Only

CoraLite®594-conjugated CD23 Monoclonal antibody



Catalog Number:CL594-60208

Basic Information

Catalog Number:

CL594-60208

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG0425

GenBank Accession Number:

BC064417

GeneID (NCBI):

2208

UNIPROT ID:

P06734

Full Name:

Fc fragment of IgE, low affinity II, receptor for (CD23)

Calculated MW:

321 aa, 36 kDa

Purification Method:

Protein A purification

CloneNo.:

4C7C9

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC,IF-P

Species Specificity:

human

Positive Controls:

IF-P : human tonsillitis tissue, human lymphoma tissue

Background Information

CD23, also known as low affinity immunoglobulin epsilon Fc receptor, is a transmembrane glycoprotein present on a subpopulation of B lymphocytes in germinal centres, EBV-transformed B-lymphoblastoid cell lines, follicular dendritic cells, and a subpopulation of peripheral blood cells. CD23 has essential roles in the regulation of IgE production and in the differentiation of B-cells. And the antibody is conjugated with CL594, Ex/Em 593 nm/614 nm.

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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

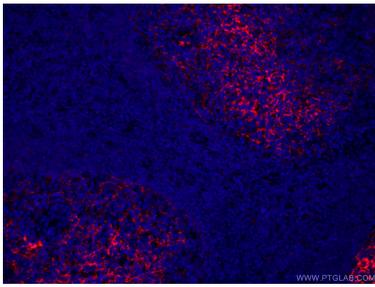
T: 4006900926

E: Proteintech-CN@ptglab.com

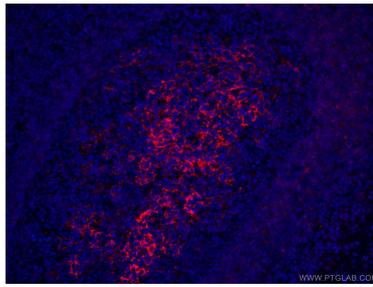
W: ptgcn.com

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

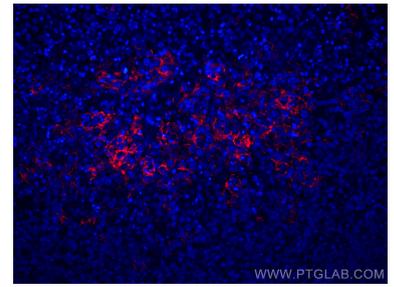
Selected Validation Data



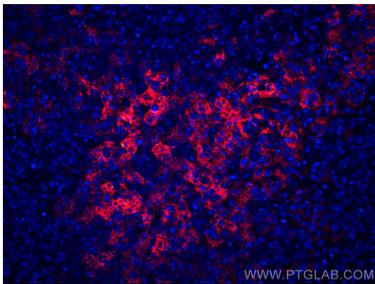
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CL594-60208 (CD23 antibody) at dilution of 1:50.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CL594-60208 (CD23 antibody) at dilution of 1:50.



Immunofluorescent analysis of (4% PFA) fixed human lymphoma tissue using CoraLite®594 CD23 antibody (CL594-60208, Clone: 4C7C9) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human lymphoma tissue using CoraLite®594 CD23 antibody (CL594-60208, Clone: 4C7C9) at dilution of 1:200.