

For Research Use Only

CoraLite® Plus 488-conjugated CD23 Monoclonal antibody



Catalog Number: CL488-60208

Basic Information

Catalog Number: CL488-60208	GenBank Accession Number: BC064417	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2208	CloneNo.: 4C7C9
Source: Mouse	Full Name: Fc fragment of IgE, low affinity II, receptor for (CD23)	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Calculated MW: 321 aa, 36 kDa	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Immunogen Catalog Number: AG0425		

Applications

Tested Applications:

IF

Species Specificity:

human, mouse

Positive Controls:

IF : human tonsillitis 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 CL488, Ex/Em 488 nm/515 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

*** 20ul sizes contain 0.1% BSA

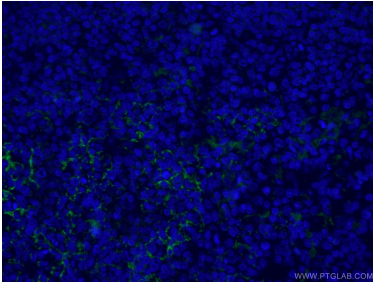
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

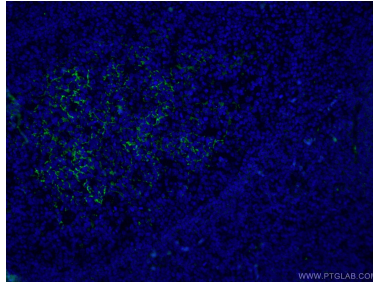
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CL488-60208 (CD23 antibody) at dilution of 1:50.



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