

For Research Use Only

CoraLite® Plus 488-conjugated CD23 Monoclonal antibody



Catalog Number: CL488-60208

Basic Information

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|--|--|---|
| Catalog Number: CL488-60208 | GenBank Accession Number: BC064417 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 2208 | CloneNo.: 4C7C9 |
| Source: Mouse | UNIPROT ID: P06734 | Recommended Dilutions: IF-P 1:50-1:500 |
| Isotype: IgG2a | Full Name: Fc fragment of IgE, low affinity II, receptor for (CD23) | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Immunogen Catalog Number: AG0425 | Calculated MW: 321 aa, 36 kDa | |

Applications

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|---|---|
| Tested Applications: IF/ICC | Positive Controls: IF-P : human tonsillitis tissue, |
| Species Specificity: human, mouse | |

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

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

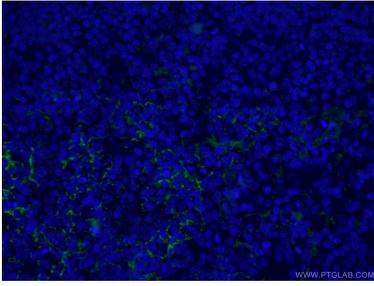
T: 4006900926

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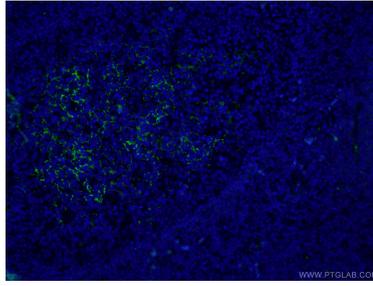
W: ptgcn.com

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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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