

For Research Use Only

CoraLite®594-conjugated CD5 Monoclonal antibody



Catalog Number:CL594-67278

Basic Information

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|--------------------------------------|---------------------------------------|---|
| Catalog Number: CL594-67278 | GenBank Accession Number: BC027901 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 921 | CloneNo.: 4D12C10 |
| Source: Mouse | ENSEMBL Gene ID: ENSG00000110448 | Recommended Dilutions: IF-P 1:50-1:500 |
| Isotype: IgG2b | UNIPROT ID: P06127 | Excitation/Emission maxima wavelengths: 588 nm / 604 nm |
| Immunogen Catalog Number: AG11065 | Full Name: CD5 molecule | |
| | Calculated MW: 495 aa, 55 kDa | |

Applications

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|-------------------------------|--|
| Tested Applications: IF-P | Positive Controls: IF-P : human tonsillitis tissue, |
| Species Specificity: Human | |

Background Information

CD5 is a type I transmembrane glycoprotein of the scavenger receptor cysteine-rich family (PMID: 12403363). CD5 is expressed on a majority of thymocytes, mature T cells, B cell subsets, and peripheral blood dendritic cells (PMID: 9858516; 6156984; 10379049; 1384337). CD5 may act as a receptor in regulating T-cell proliferation. It functions as a negative regulator of TCR signaling during thymocyte development (PMID: 7542801).

Storage

Storage:
Store at -20°C. Avoid exposure to light.
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:

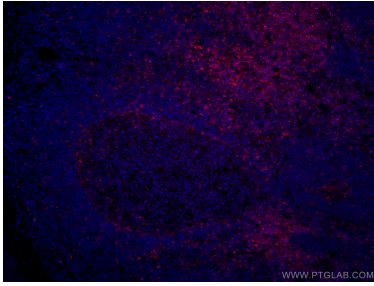
T: 4006900926

E: Proteintech-CN@ptglab.com

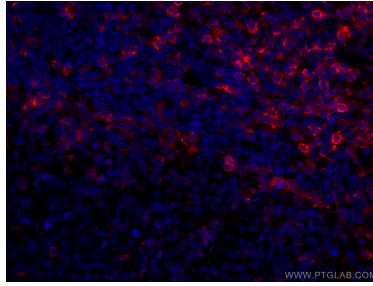
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 CD5 antibody (CL594-67278, Clone: 4D12C10) at dilution of 1:200.



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