

CoraLite®594-conjugated S100A8 Monoclonal antibody

Catalog Number: **CL594-66853**

Basic Information

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| Catalog Number: CL594-66853 | GenBank Accession Number: BC005928 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 6279 | CloneNo.: 1G11C8 |
| Source: Mouse | UNIPROT ID: P05109 | Recommended Dilutions: IF-P 1:50-1:500 |
| Isotype: IgG2a | Full Name: S100 calcium binding protein A8 | Excitation/Emission maxima wavelengths: 588 nm / 604 nm |
| Immunogen Catalog Number: AG8517 | Calculated MW: 93 aa, 11 kDa | |

Applications

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

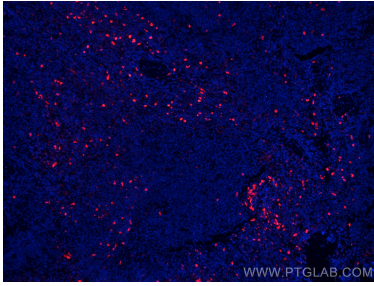
Background Information

S100A8 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and as a cytokine.

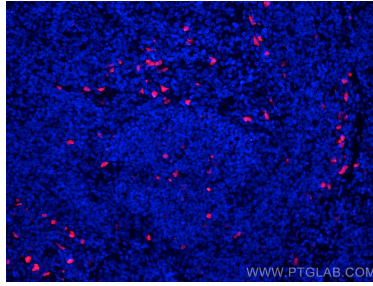
Storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 S100A8 antibody (CL594-66853, Clone: 1G11C8) at dilution of 1:200.



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