

CoraLite® Plus 488-conjugated S100A8 Monoclonal antibody

Catalog Number: **CL488-66853**

Basic Information

Catalog Number: CL488-66853	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: 493 nm / 522 nm
Immunogen Catalog Number: AG8517	Calculated MW: 93 aa, 11 kDa	

Applications

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

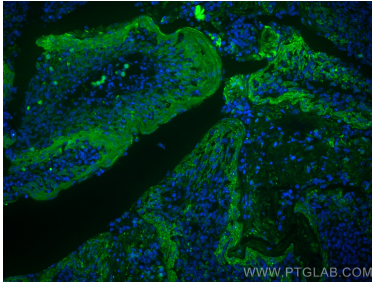
Background Information

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.

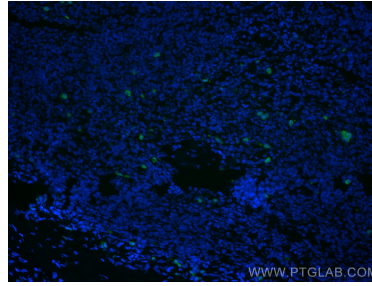
Storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite® Plus 488 S100A8 antibody (CL488-66853, Clone: 1G11C8) at dilution of 1:200.



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