

For Research Use Only



CoraLite®594-conjugated Serum amyloid P component Monoclonal antibody

Catalog Number: **CL594-66084**

Basic Information

Catalog Number: CL594-66084	GenBank Accession Number: BC007058	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 325	CloneNo.: 1A1D10
Source: Mouse	UNIPROT ID: P02743	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG2b	Full Name: amyloid P component, serum	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG14957	Calculated MW: 223 aa, 25 kDa	
	Observed MW: 27 kDa	

Applications

Tested Applications: IF-P	Positive Controls:
Species Specificity: human, mouse	IF-P : human liver cancer tissue, human liver tissue, mouse spleen tissue

Background Information

Serum amyloid P component (SAP), a member of pentraxin family, is a constitutive serum protein that is synthesized by hepatocytes. It is an acute phase protein, structurally related to C-reactive protein. SAP is a calcium-dependent ligand binding protein, which can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

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:

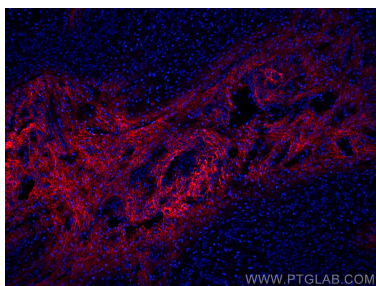
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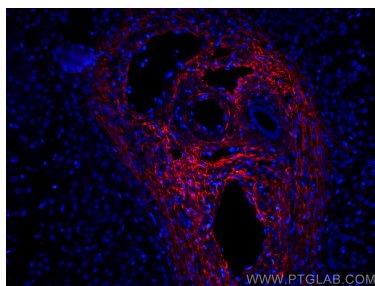
W: ptgcn.com

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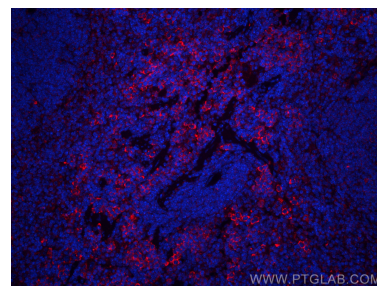
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite®594 Serum amyloid P component antibody (CL594-66084, Clone: 1A1D10) at dilution of 1:200.



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Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using CoraLite®594 Serum amyloid P component antibody (CL594-66084, Clone: 1A1D10) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).