

S100A10 Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 11144-MM03

GENERAL INFORMATION	
Immunogen:	Recombinant Human S100A10 protein (Catalog#11144-H07E)
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human S100A10 (rh S100A10; Catalog#11144-H07E; NP_002957.1; Pro2-Lys97). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	03
Specificity:	Human S100A10
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	42C,ANX2L,ANX2LG,CAL1L,Ca[1],CLP11,GP11,MGC111133,p10,P11
APPLICATIONS	
Applications:	IHC-P,FCM,ICC/IF
RECOMMENDED CONCENTRATION	
IHC-P	IHC-P: 1:50-1:200
ICC/IF	ICC/IF: 1:20-1:100
Flow Cytometry	FCM: 1:25-1:100

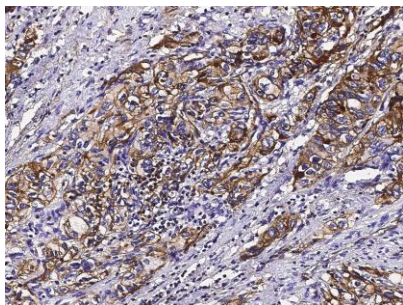
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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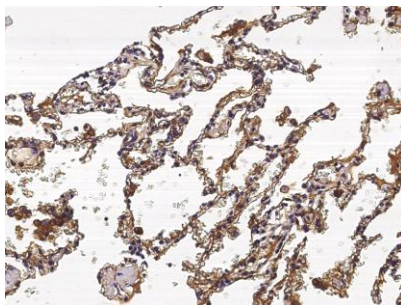


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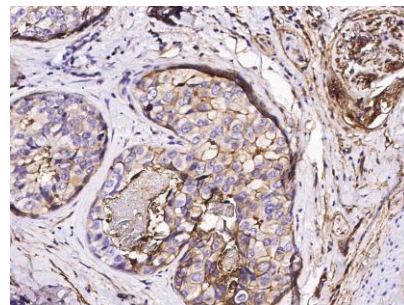
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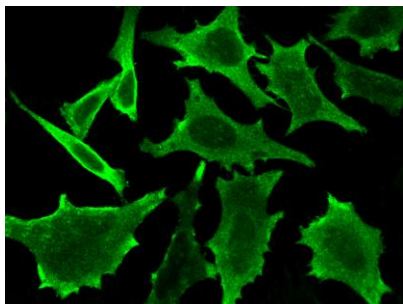
Immunohistochemical staining of human S100A10 in human renal carcinoma with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).



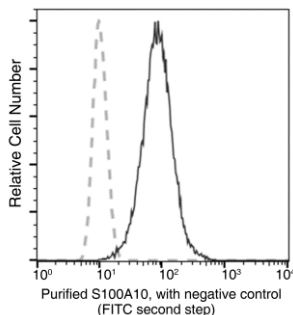
Immunohistochemical staining of human S100A10 in human lung with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).



Immunohistochemical staining of human S100A10 in human breast carcinoma with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).



Immunofluorescence staining of S100A10 in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with mouse anti-Human S100A10 monoclonal antibody (dilution ratio 1:60) at 4 °C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-mouse IgG secondary antibody (green). Positive staining was localized to Cytoplasm.



Flow cytometric analysis of Human S100A10 expression on HT29 cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), stained with purified anti-Human S100A10, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

Flow cytometry was performed on a BD FACSCalibur flow cytometry system. Please refer to www.sinobiological.com/Flow-Cytometry-FACS-Protocols-a-750.html for technical protocols.