S100A10 Monoclonal Antibody

catalog number: **AN200074P**

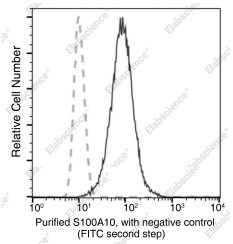
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

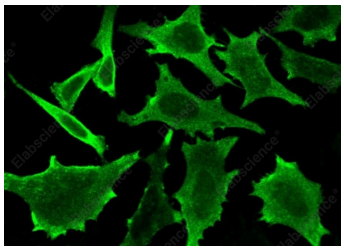
Reactivity	Human
Immunogen	Recombinant Human S100A10 protein
Host	Mouse
Isotype	Mouse IgG1
Clone	A922
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
IHC-P	1:50-1:200
ICC/IF	1:20-1:100
FCM	1:25-1:100

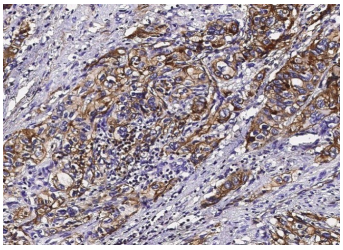
Data



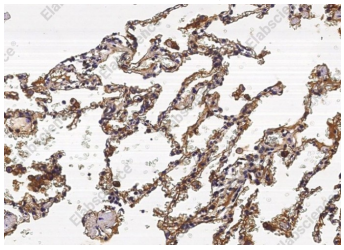
Flow cytometric analysis of Human S100A10 expression on HT29 cells. The cells were stained with purified anti-Human S100A10, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



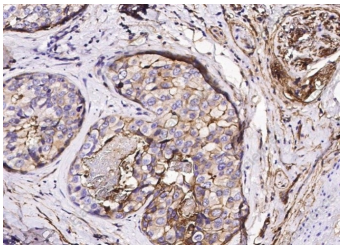
Immunofluorescence analysis of S100A10 in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with mouse anti-Human S100A10 Monoclonal Antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated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



Immunohistochemistry of paraffin-embedded human renal carcinoma using S100A10 Monoclonal Antibody at dilution of 1:60.



Immunohistochemistry of paraffin-embedded human lung mouse using S100A10 Monoclonal Antibody at dilution of 1:60.



Immunohistochemistry of paraffin-embedded human breast carcinoma using S100A10 Monoclonal Antibody at dilution of 1:60.

Preparation & Storage

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.
Shipping	Ice bag

Background

The protein encoded by this gene 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 1q18. This protein may function in exocytosis and endocytosis.

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