

Anti-S100A13 antibody



Catalog Number: 102597

Product name

Anti-S100A13 antibody

Immunogen

[Human S100A13 recombinant protein](#)

Specificity

Human S100A13

No cross-reactivity with E.coli cell lysate in ELISA

Antibody description

Mouse monoclonal to S100A13

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 S100A13 (rh S100A13; NP_001019381.1; Met 1-Lys 98). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

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.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse IgG1

Applications

ELISA, IF, ICC/IF

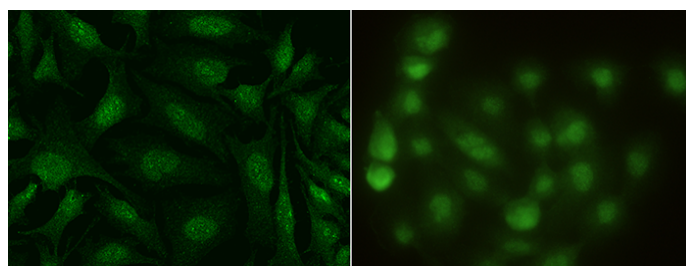
Dilutions

ELISA: 0.5-1 µg/mL

This antibody can be used at 0.5-1 µg/mL with the appropriate secondary reagents to detect Human S100A13. The detection limit for Human S100A13 is approximately 0.31 ng/well.

ICC/IF: 10-25 µg/mL

Validations



S100A13 Antibody, Mouse MAbs,
Immunofluorescence

Immunofluorescence staining of Human S100A13 in A431 or Hela cells. Cells were fixed with 4% PFA, permeabilized with 1% Triton X-100 in PBS, blocked with 10% serum, and incubated with mouse anti-Human S100A13 monoclonal antibody (15 µg/ml). Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (left panel, captured by laser confocal scanning microscope; right panel, captured by fluorescence microscope). Positive staining was localized to nuclear.