

# Anti-S100A5 antibody



Catalog Number: 104053

## Product name

Anti-S100A5 antibody

## Immunogen

[Human S100A5 \(His Tag\) recombinant protein](#)

## Specificity

Human S100A5

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

## Antibody description

Mouse monoclonal to S100A5

## 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 S100A5 (rh S100A5; B48219; Met 1-Lys 110). 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

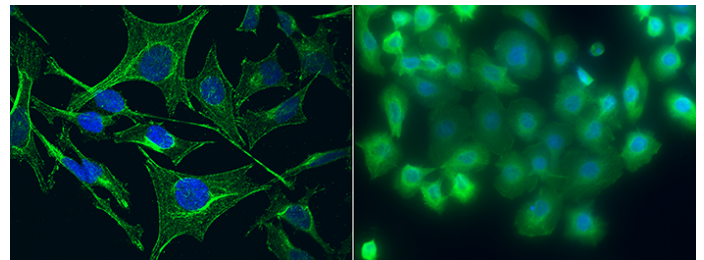
## Dilutions

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 S100A5. The detection limit for Human S100A5 is approximately 0.039 ng/well.

ICC/IF: 10-25 µg/mL

## Validations



S100A5 Antibody, Mouse MAb, Immunofluorescence

Immunofluorescence staining of Human S100A5 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 S100A5 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) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.