

SUB1/PC4 Monoclonal Antibody

catalog number: AN200145P

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

Description

Reactivity	Human
Immunogen	Recombinant Human SUB1 / PC4 protein
Host	Mouse
Isotype	Mouse IgG1
Clone	A993
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

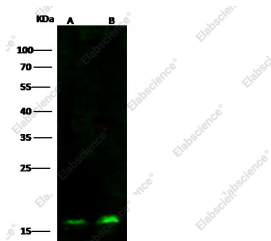
Recommended Dilution

WB	1:500-1:2000
ICC/IF	1:20-1:100
IP	1-4 µL/mg of lysate

Data

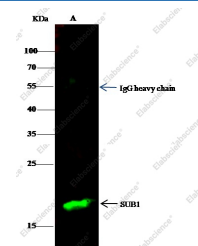


Immunofluorescence analysis of Human SUB1 in MCF7 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with mouse anti-Human SUB1 Monoclonal Antibody (1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor® 594-conjugated Goat Anti-mouse IgG secondary antibody (red) and counterstained with DAPI for nuclear staining (blue). Positive staining was localized to nucleus.



Western Blot with SUB1 / PC4 Monoclonal Antibody at dilution of 1:500. Lane A: NIH-3T3 Whole Cell Lysate, Lane B: Raji Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:17 kDa
Calculated-MW:17 kDa



Immunoprecipitation analysis using 2 µL anti-SUB1 mouse Monoclonal Antibody and 15 µl of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using SUB1 mouse Monoclonal Antibody at a dilution of 1:100. Lane A:0.5 mg HepG2 Whole Cell Lysate

Observed-MW:17 kDa
Calculated-MW:17 kDa

For Research Use Only

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Rev. V1.3

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

General coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. May be involved in stabilizing the multiprotein transcription complex. Binds single-stranded DNA. Also binds, in vitro, non-specifically to double-stranded DNA (ds DNA).

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