

A Reliable Research Partner in Life Science and Medicine

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 lgG1 Clone A993 **Purification** Protein A

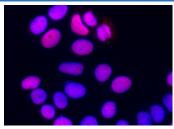
Buffer 0.2 µm filtered solution in PBS

Applications Recommended Dilution

1:500-1:2000 **WB** ICC/IF 1:20-1:100

ΙP 1-4 µL/mg of lysate

Data

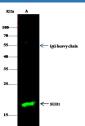


Immunofluorescence analysis of Human SUB1 in MCF7 cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Monoclonal Antibody and 15 µl of 50 % Protein G agarose. Triton X-100 in PBS, blocked with 10% serum, and incubated with mouse anti-Human SUB1 Monoclonal Antibody (1:60) at 4°C overnight. Then 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

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



Immunoprecipitation analysis using 2 µL anti-SUB1 mouse 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

Preparation & Storage

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017 Web: www.elabscience.com Email: techsupport@elabscience.com



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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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