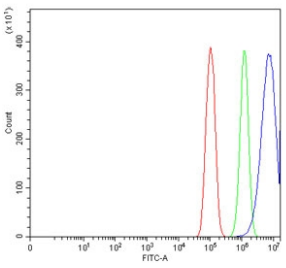
Positive cofactor 4 Antibody / PC4 / SUB1 [clone 2D13E3] (RQ7039)

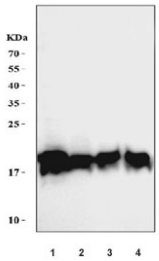
Catalog No.	Formulation	Size
RQ7039	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	2D13E3
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P53999
Localization	Nuclear
Applications	Western blot: 0.5-1 ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This Positive cofactor 4 antibody is available for research use only.



Flow cytometry testing of human PC-3 cells with Positive cofactor 4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Positive cofactor 4 antibody.



Western blot testing of human 1) HeLa, 2) Jurkat, 3) A549 and 4) HepG2 cell lysate with Positive cofactor 4 antibody. Expected molecular weight: 15-19 kDa (unmodified) and ~26 kDa (phosphorylated).

Description

Activated RNA polymerase II transcriptional coactivator p15, also known as positive cofactor 4 (PC4) or SUB1 homolog, is a protein that in humans is encoded by the SUB1 gene. This gene is mapped to 5p13.3. The transcriptional cofactor PC4 is an ancient single-strand DNA (ssDNA)-binding protein that has a homologue in bacteriophage T5 where it is likely the elusive replicative ssDNA-binding protein. The recombinant PC4 is shown to function identically to the native protein through its interaction with TAFs.

Application Notes

Optimal dilution of the Positive cofactor 4 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids N62-L127) was used as the immunogen for the Positive cofactor 4 antibody.

Storage

After reconstitution, the Positive cofactor 4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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