

CENPC | *Validation File*

TARGET Homo sapiens centromeric protein C1 (CENPC)

CLONE NAME AL61A

DESCRIPTION mouse monoclonal

ANTIGEN USED hCENPC Nterm-GST

ISOTYPE IgG1

SPECIES REACTIVITY human

LOCALIZATION nuclear

POSITIVE CONTROL HeLa cell line

STORAGE BUFFER Tissue culture supernatant: 0.02% sodium azide

STORAGE Aliquot and store at 4C. Do not freeze



Recommended



Inconclusive



Not Recommended



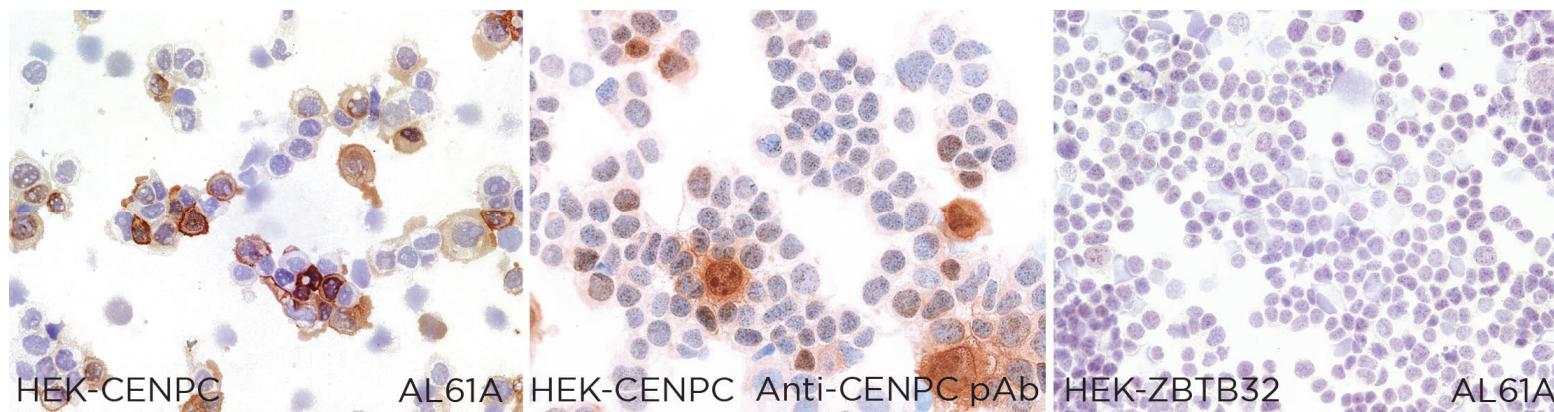
Not Tested

APPLICATIONS

| ICC | *Immunocytochemistry*

AL61A mAb is able to detect human CENPC protein in immunocytochemistry.

To confirm that AL61A mAb recognizes human CENPC protein, immunocytochemistry on cytopins preparations of human CENPC expressed in HEK293T was performed. Labeling with the anti-CENPC pAb confirmed the efficiency of transfection. Cytospin preparation of human ZBTB32 protein was used as a negative control.





| IP | **Immunoprecipitation**

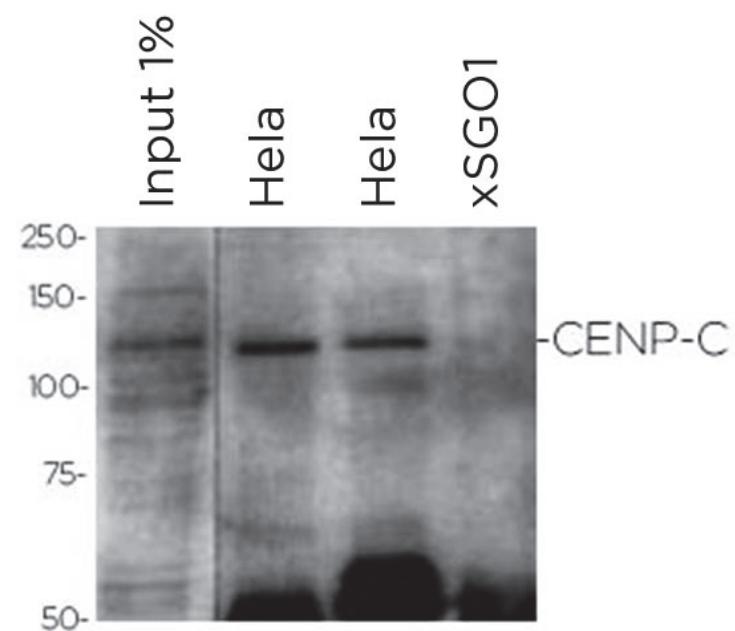
AL61A mAb is able to detect human CENP-C1 protein by WB.

DILUTION 1:10 (supernatant)

Predicted molecular weight: **106kDa**
Observed molecular weight: **106kDa**

LANES

Lane 1 input 1%	(+)
Lane 2 HeLa nuclear extract	(+)
Lane 3 HeLa nuclear extract	(+)
Lane 4 xSGO1 protein	(-)

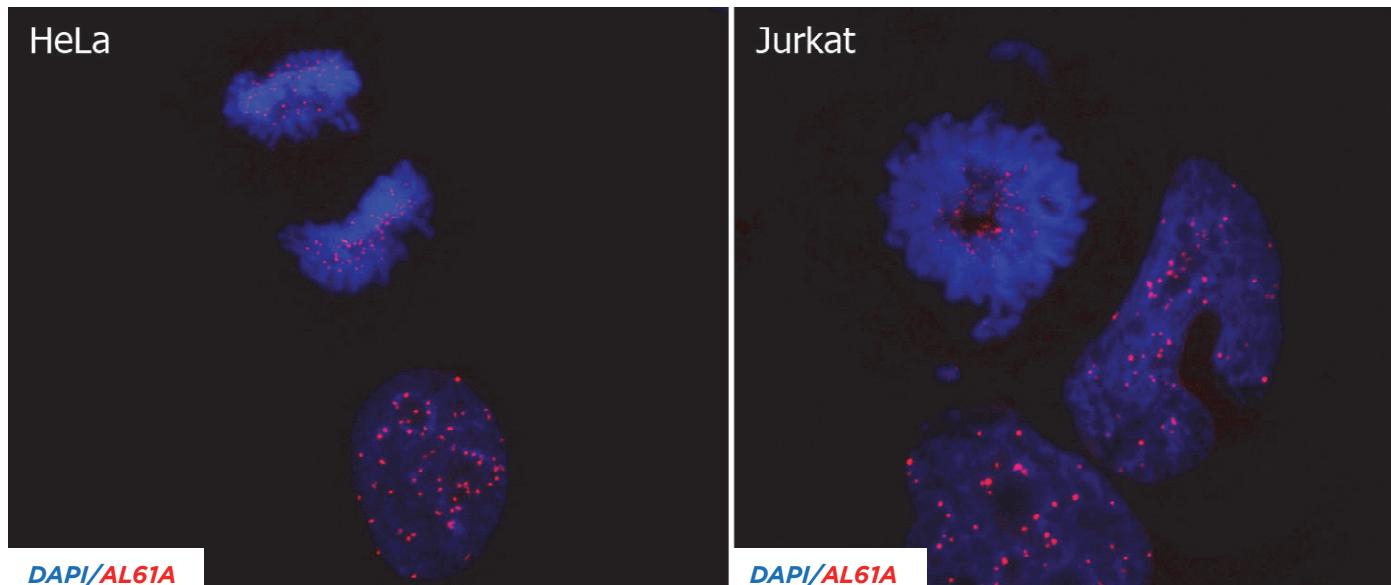


 | IF | **Immunofluorescence (paraffin)**

Antibody AL61A can be used to detect CENP-C1 in immunofluorescence.

TISSUE SAMPLE HeLa and Jurkat cell lines

DILUTION No Dilution (Neat supernatant)



 | WB | **Western Blotting** Not done

 | IHC-F | **Immunohistochemistry (frozen)** Not done

 | IHC-P | **Immunohistochemistry (paraffin)** Not done

 | FC | **Flow Cytometry** Not done

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