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

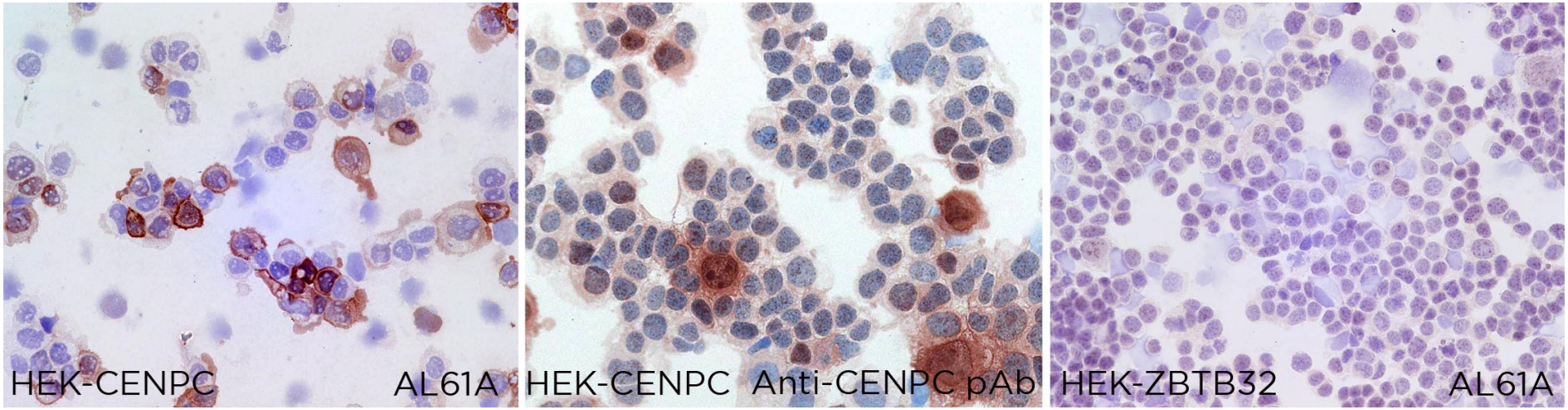
Recommended Inconclusive Not Recommended Not Tested

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 cytospins 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**

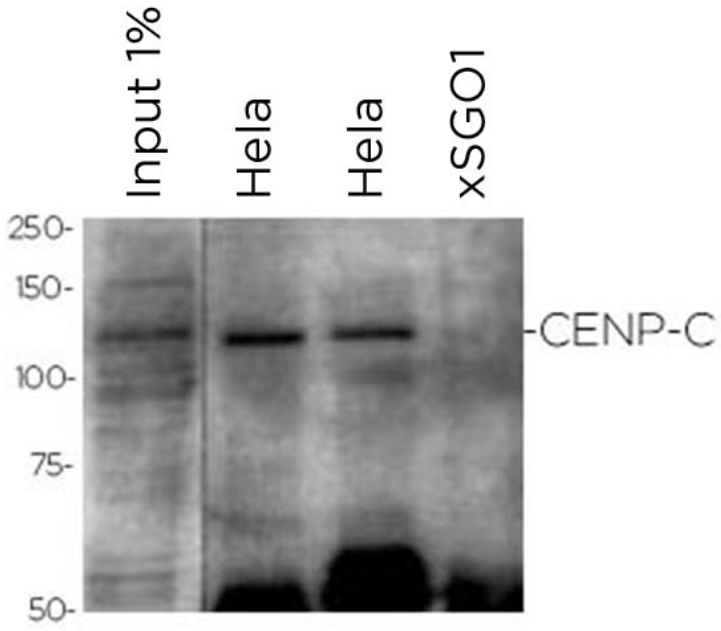
AL61A mAb is able to detect human CENP-C1 protein by WB.

DILUTION 1:10 (supernatant)

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

LANES

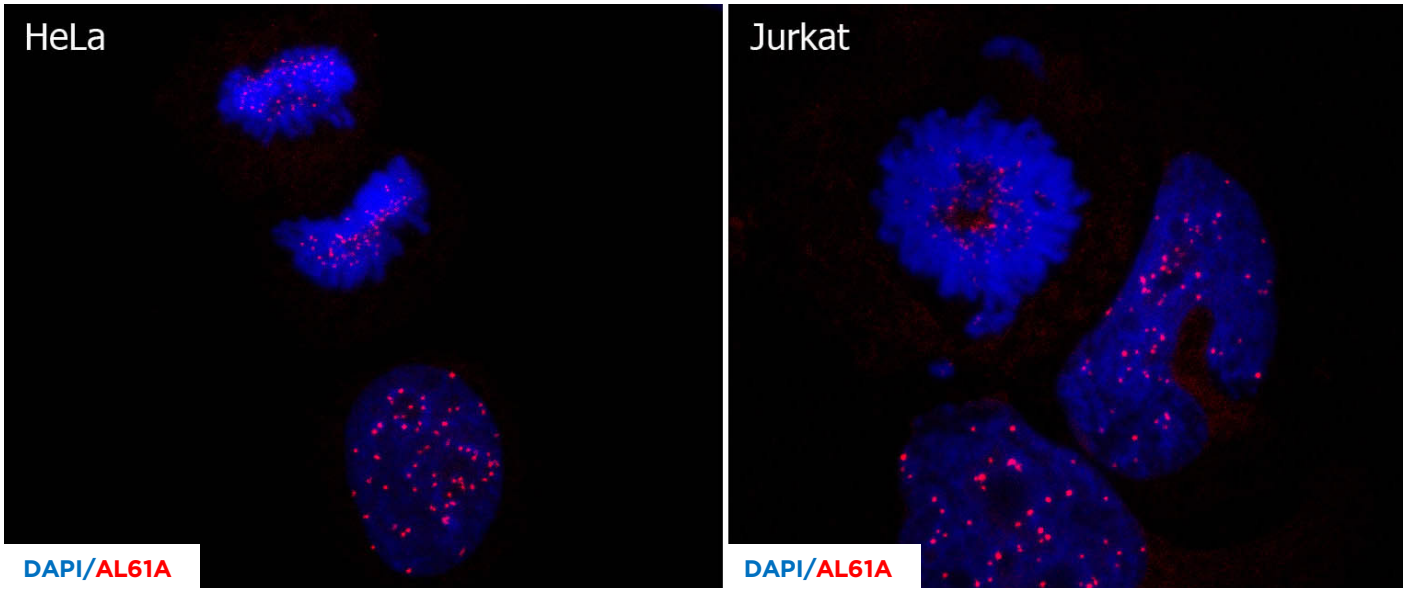
Lane 1 input 1% (+)
Lane 2 HeLa nuclear extract (+)
Lane 3 HeLa nuclear extract (+)
Lane 4 xSGO1 protein (-)



| 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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