

## Anti-CENPC1 Antibody (8J653)

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Molecular Weight:	Theoretical: 107 kDa. Actual: 107 kDa.
Clone:	8J653
Purification:	Protein A purified

## Applications

Verified Activity:	1. 25 µg total protein per lane of various lysates (see on figure) probed with CENPC1 monoclonal antibody, unconjugated (TMAB-04225) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min. 2. 4% Paraformaldehyde-fixed K562 (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (CENPC1) monoclonal Antibody, unconjugated (TMAB-04225) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.
Application:	WB,ICC/IF
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized peptide: human CENPC
Antigen Species:	Human
Gene ID:	1060
Uniprot ID:	Q03188

## Research Background

Centromere protein C 1 is a centromere autoantigen and a component of the inner kinetochore plate. The protein is required for maintaining proper kinetochore size and a timely transition to anaphase. A putative pseudogene exists on chromosome 12.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481