

## Anti-MCM4 Antibody (8M986)

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse)
Molecular Weight:	Theoretical: 97 kDa. Actual: 96 kDa.
Clone:	8M986
Purification:	Protein A purified

## Applications

Verified Activity:	<p>1. 4% Paraformaldehyde-fixed MCF-7 (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (MCM4) monoclonal Antibody, unconjugated (TMAB-08669) 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.</p> <p>2. 25 µg total protein per lane of various lysates (see on figure) probed with MCM4 monoclonal antibody, unconjugated (TMAB-08669) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p>
Application:	WB,IP,FCM,ICC/IF
Recommended	WB: 1:500-2000; IP: 1:20-50; FCM: 1µg/Test; 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 MCM4
Antigen Species:	Human
Gene ID:	4173
Uniprot ID:	P33991

## Research Background

Acts as component of the MCM2-7 complex (MCM complex) which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells.

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

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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