

## Nuclear Matrix Protein p84 (THOC1) Monoclonal Antibody

**CAB9269**

### Description

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This Nuclear Matrix Protein p84 (THOC1) Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	CAB9269
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Synonyms:</b>	P84, HPR1, P84N5, DFNA86, Nuclear Matrix Protein p84 (THOC1)
<b>Clone:</b>	ARC1504
<b>Applications:</b>	<span style="background-color: red; color: white; padding: 2px 5px;">WB</span> <span style="background-color: blue; color: white; padding: 2px 5px;">IP</span> <span style="background-color: green; color: white; padding: 2px 5px;">ELISA</span>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse, Rat

### Antibody Data

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<b>Gene ID:</b>	9984
<b>Uniprot:</b>	AB_2863702
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	85kDa
<b>Calculated MW:</b>	76kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

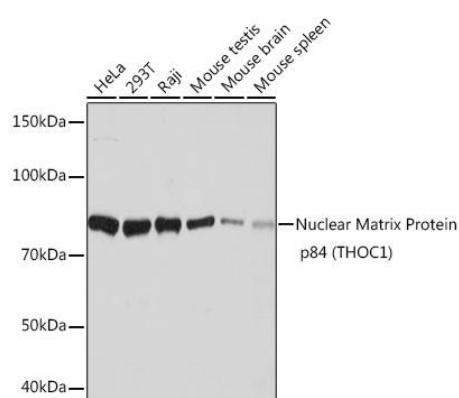
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HeLa, 293T, 293F, Raji, Mouse testis, Mouse brain, Mouse spleen

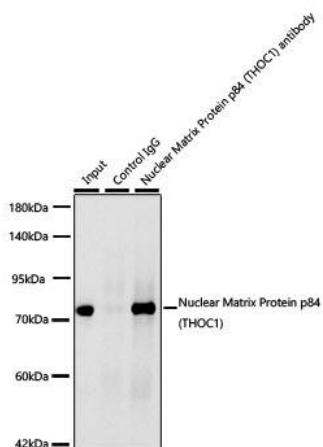
<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:1000
	<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using Nuclear Matrix Protein p84 (THOC1) (THOC1) Rabbit mAb (CAB9269) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunoprecipitation of Nuclear Matrix Protein p84 (THOC1) from 300 µg extracts of 293F cells was performed using 3 µg of Nuclear Matrix Protein p84 (THOC1) Rabbit mAb (CAB9269). Rabbit IgG isotype control (CABC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Nuclear Matrix Protein p84 (THOC1) Rabbit mAb (CAB9269) at a dilution of 1:1000.