

A8179

Leader in Biomolecular Solutions for Life Science



# Nuclear Matrix Protein p84 (THOC1) Rabbit pAb

Catalog No.: A8179

1 Publications

## Basic Information

### Observed MW

85kDa

### Calculated MW

76kDa

### Category

Mouse Monoclonal Antibody

### Applications

WB, IHC-P, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

Predicted to enable DNA binding activity and RNA binding activity. Involved in several processes, including negative regulation of DNA damage checkpoint; regulation of nucleobase-containing compound metabolic process; and viral mRNA export from host cell nucleus. Located in cytoplasm and nuclear speck. Part of THO complex part of transcription export complex. Colocalizes with chromosome, telomeric region.

## Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:100

## Immunogen Information

### Gene ID

9984

### Swiss Prot

Q96FV9

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 428-657 of human Nuclear Matrix Protein p84 (Nuclear Matrix Protein p84 (THOC1)) (NP\_005122.2).

### Synonyms

P84; HPR1; P84N5; DFNA86; Nuclear Matrix Protein p84 (THOC1)

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

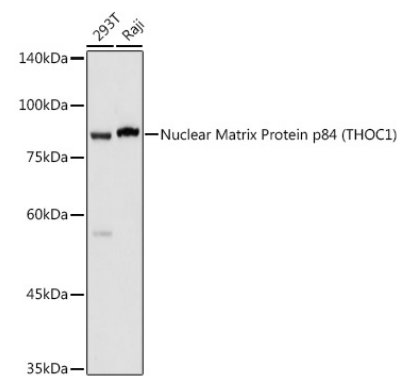
Affinity purification

### Storage

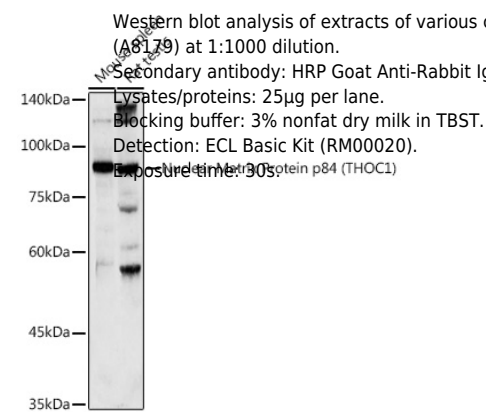
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

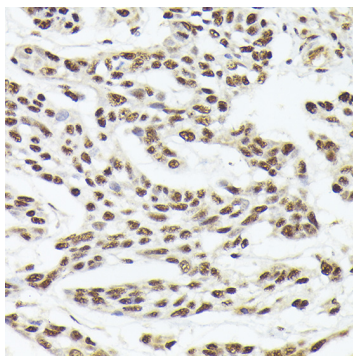
Validation Data



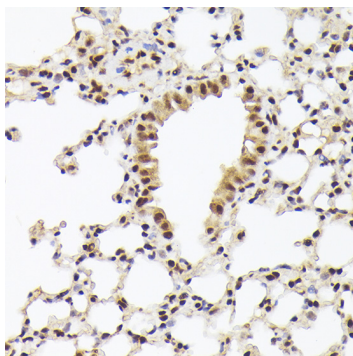
Western blot analysis of extracts of various cell lines, using Nuclear Matrix Protein p84 (THOC1) antibody (A8179) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



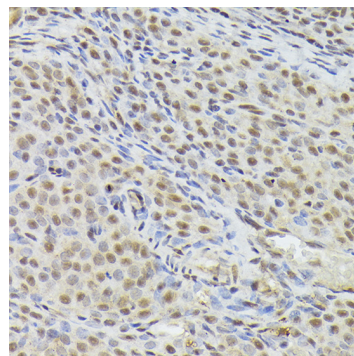
Western blot analysis of extracts of various cell lines, using Nuclear Matrix Protein p84 (THOC1) antibody (A8179) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using Nuclear Matrix Protein p84 (THOC1) Rabbit pAb (A8179) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



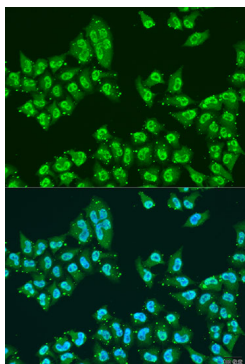
Immunohistochemistry analysis of paraffin-embedded mouse lung using Nuclear Matrix Protein p84 (THOC1) Rabbit pAb (A8179) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat ovary using Nuclear Matrix Protein p84 (THOC1) Rabbit pAb (A8179) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

## Validation Data

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Immunofluorescence analysis of U2OS cells using Nuclear Matrix Protein p84 (Nuclear Matrix Protein p84 (THOC1)) antibody (A8179) at dilution of 1:100. Blue: DAPI for nuclear staining.