

## TH-POK Mouse mAb

CatalogNo: YM0619

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human

#### Applications

- WB,IHC,IF,ELISA

#### MW

- 58kD (Calculated)

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:200-1:1000**

**IF 1:200-1:1000**

**ELISA 1:10000**

**Not yet tested in other applications.**

### Storage

#### Storage\*

-15°C to -25°C/1 year(Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Monoclonal

### Immunogen Information

#### Immunogen

Purified recombinant fragment of human TH-POK expressed in E. Coli.

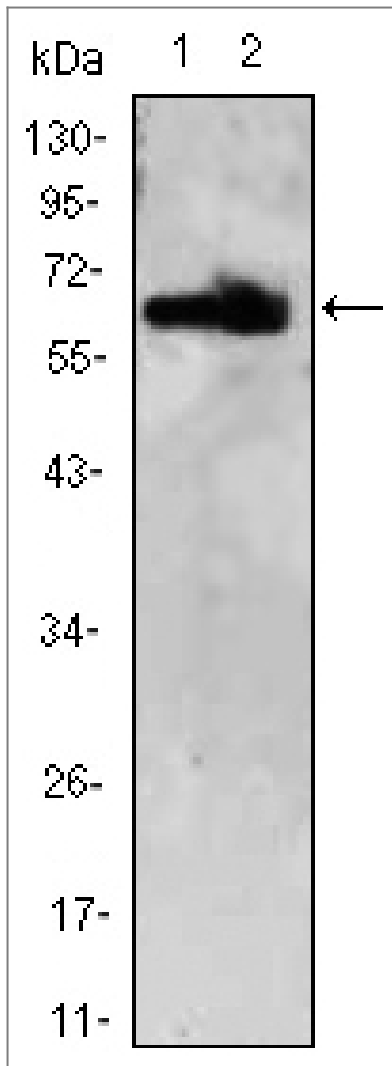
#### Specificity

TH-POK Monoclonal Antibody detects endogenous levels of TH-POK protein.

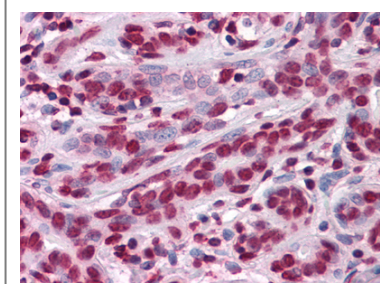
### Target Information

Gene name	ZBTB7B		
Protein Name	Zinc finger and BTB domain-containing protein 7B		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">51043</a> ;	<a href="#">O15156</a> ;
	Mouse		<a href="#">Q64321</a> ;
Cellular Localization	Nucleus .		
Tissue specificity	Salivary gland,Skin fibroblast,Uterus,		
Function	Function:Transcription regulator that acts as a key regulator of lineage commitment of immature T-cell precursors. Necessary and sufficient for commitment of CD4 lineage, while its absence causes CD8 commitment. Development of immature T-cell precursors (thymocytes) to either the CD4 helper or CD8 killer T-cell lineages correlates precisely with their T-cell receptor specificity for major histocompatibility complex class II or class I molecules, respectively. Transcriptional repressor of the collagen COL1A1 and COL1A2 genes. May also function as a repressor of fibronectin and possibly other extracellular matrix genes.,similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 4 C2H2-type zinc fingers.,		

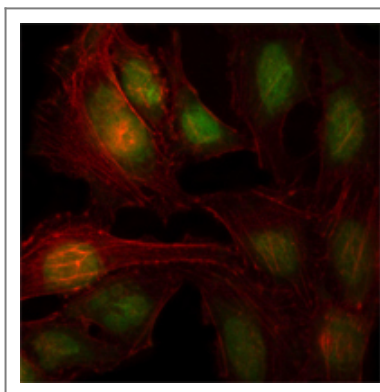
## | Validation Data



Western Blot analysis using TH-POK Monoclonal Antibody against HEK293 (1,2) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human Breast tissues with AEC staining using TH-POK Monoclonal Antibody.



Immunofluorescence analysis of Hela cells using TH-POK Monoclonal Antibody (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin

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Please scan the QR code  
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**TH-POK Mouse mAb**

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[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)