

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

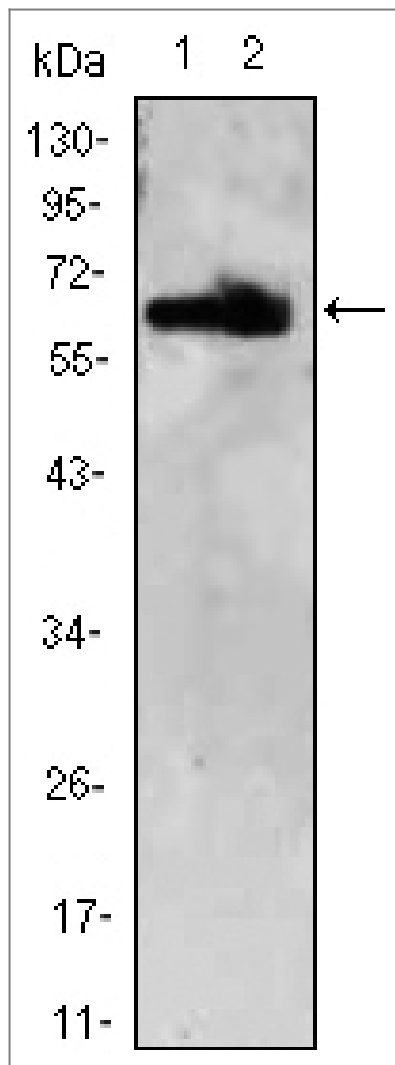
Immunogen Purified recombinant fragment of human TH-POK expressed in E. Coli.

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

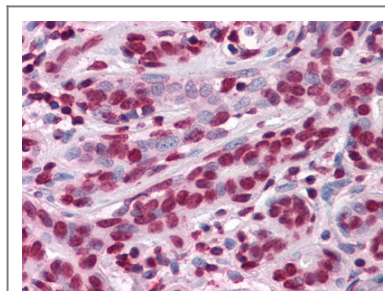
| Target Information

Gene name	ZBTB7B		
Protein Name	Zinc finger and BTB domain-containing protein 7B		
	Organism	Gene ID	UniProt ID
	Human	51043 ;	O15156 ;
	Mouse		Q64321 ;
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.,		

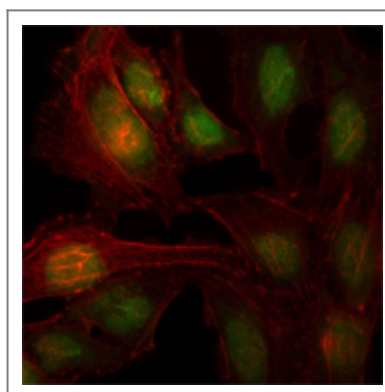
| Validation Data



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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product information:
TH-POK Mouse mAb

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