G-Biosciences Image not found or type unknown

Immunotag™ TH-POK Monoclonal Antibody

Antibody Specification

Catalog No.	ITM0619
Product Description	Immunotag™ TH-POK Monoclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TH-POK
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Mouse
Immunogen	Purified recombinant fragment of human TH-POK expressed in E. Coli.
Specificity	TH-POK Monoclonal Antibody detects endogenous levels of TH-POK protein.
Purification	Affinity purification
Form	Ascitic fluid containing 0.03% sodium azide.
Gene Name	ZBTB7B
Accession No.	O15156 Q64321
Alternate Names	ZBTB7B; ZBTB15; ZFP67; ZNF857B; Zinc finger and BTB domain-containing protein 7B; Krueppel-related zinc finger protein cKrox; hcKrox; T-helper-inducing POZ/Krueppel-like factor; Zinc finger and BTB domain-containing protein 15; Zinc finger

Antibody Specification

Description	zinc finger and BTB domain containing 7B(ZBTB7B) Homo sapiens This gene encodes a zinc finger-containing transcription factor that acts as a key regulator of lineage commitment of immature T-cell precursors. It is necessary and sufficient for commitment of CD4 lineage, while its absence causes CD8 commitment. It also functions as a transcriptional repressor of type I collagen genes. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012],
Protein Expression	Salivary gland,Skin fibroblast,Uterus,
Subcellular Localization	nucleus,nucleoplasm,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.