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anti-ZBTB7B antibody



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Purification:

Quantity:	100 μg	
Target:	ZBTB7B	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This ZBTB7B antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)	
Product Details		
Immunogen:	Recombinant full-length human ZBTB7B protein	
Isotype:	IgG2b	
Specificity:	TH-POK (T-helper-inducing POZ/Kr ppel-like factor), also known as zinc finger protein 67 (ZFP67), zinc finger and BTB domain-containing protein 7B or Kr ppel-related zinc finger protein cKrox, is a 539 amino acid protein that contains one BTB (POZ) domain and four C2H2-type zinc fingers. Localized to the nucleus, TH-POK functions primarily as a key regulator of lineage commitment of immature T-cell precursors. Specifically, the presence of TH-POK directs positively selected thymocytes to the CD4 lineage, whereas its absence causes default development to the CD8 lineage. TH-POK also functions as a transcriptional repressor of various other genes, such as COL1A1, COL1A2 and Fibronectin.	
Cross-Reactivity (Details):	Human.	
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1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details		
Target:	ZBTB7B	
Alternative Name:	ZBTB7B (ZBTB7B Products)	
Background:	CKrox, hcKrox, T helper inducing POZ/Kruppel like factor, Th-POK, ThPOK, ZBTB15, ZBTB7B, ZFP67, Zinc finger and BTB domain containing 15, Zinc finger and BTB domain containing 7B, Zinc finger protein 67 homolog, Zinc finger protein 857B, Zinc finger protein ThPOK, ZNF857B,Th-Pok / ZBTB7B Cellular localisation: Nucleus.	
Molecular Weight:	58/80kDa	
Gene ID:	51043, 729279	
UniProt:	015156	
Application Details		
Application Notes:	Known_Application: Flow Cytometry (1-2 μg/million cells), Immunofluorescence (1-2 μg/mL), Western Blot (1-2 μg/mL), Optimal dilution for a specific application should be determined. Positive_Control: HeLa or HepG2 cells.	
Restrictions:	For Research Use only	
Handling		
Concentration	1.0 mg/ml	

Concentration:	1.0 mg/mL	
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.	
Preservative:	Azide free	
Storage:	-20 °C,-80 °C	
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.	
Expiry Date:	24 months	