Mouse anti-Human ZBTB7B Monoclonal Antibody | anti-ZBTB7B antibody

ZBTB7B Mouse Monoclonal Antibody [Clone PCRP-ZBTB7B-1F7]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215830	**Mouse**	**Human**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

ZBTB7B; Monoclonal Antibody; ZBTB7B Mouse Monoclonal Antibody [Clone PCRP-ZBTB7B-1F7]; cKrox; hcKrox; T helper inducing POZ/Kruppel like factor; Th-POK; ThPOK; ZBTB15; 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; anti-ZBTB7B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b
Clone Number	PCRP-ZBTB7B-1F7
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-ZBTB7B antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human ZBTB7B protein
Cellular Localization	Nucleus
Positive Control	HeLa or HepG2 cells.
Hu-chromosome Location	1q21.3
Unigene	729279
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES

FCM/FACS (Flow Cytometry)
Flow Cytometric Analysis of PFA-fixed HeLa cells. ZBTB7B Mouse Monoclonal Antibody (PCRP-ZBTB7B-1F7) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-ZBTB7B antibody	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51316943
NCBI GeneID	51043
UniProt Accession #	O15156; Q68DR2; Q96EP2; B4E3K5; D3DV83; J3KQQ3
Molecular Weight	539
NCBI Official Full Name	Zinc finger and BTB domain-containing protein 7B
NCBI Official Synonym Full Names	zinc finger and BTB domain containing 7B
NCBI Official Symbol	ZBTB7B
NCBI Official Synonym Symbols	CKROX; THPOK; ZFP67; ZBTB15; ZFP-67; c-KROX; hcKROX; ZNF857B
NCBI Protein Information	zinc finger and BTB domain-containing protein 7B; zinc finger protein 857B; zinc finger protein Th-POK; zinc finger protein 67 homolog; zinc finger and BTB domain containing 15; T-helper-inducing POZ/Krueppel-like factor; krueppel-related zinc finger prot
UniProt Protein Name	Zinc finger and BTB domain-containing protein 7B
UniProt Gene Name	**ZBTB7B**
UniProt Synonym Gene Names	ZBTB15; ZFP67; ZNF857B; hcKrox; Zfp-67
UniProt Entry Name	ZBT7B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/zbtb7b-antibody-clone-pcrp-zbtb7b-1f7-western-blot-immunofluorescence-flow-cytometry-elisa/215830