
ZBTB7B (7C12) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252971

Unit: 0.1 ml

Description:

ZBTB7B (Zinc finger and BTB domain-containing protein 7B) is a transcription regulator 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. 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. ZBTB7B is a transcriptional repressor of the collagen COL1A1 and COL1A2 genes. It may also function as a repressor of fibronectin and possibly other extracellular matrix genes.

Isotype: Mouse IgG1

Applications: WB, IF

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: 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 protein 67 homolog; Zfp-67; Zinc finger protein 857B; Zinc finger protein Th-POK ZBTB15; ZFP67; ZNF857B; ZBTB7B

Accession No.: O15156

Antigen: Purified recombinant fragment of human ZBTB7B expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.