

Mouse Monoclonal Antibody to ZBTB7B

Order Information

Catalog#	30011	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

Description

ZBTB7B 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.

Specification

Aliases : THPOK; ZFP67; ZBTB15; c-Krox; hcKrox; ZNF857B; DKFZp686G01254; ZBTB7B

Entrez GeneID : 51043

Swissprot : O15156

clone : 7C12

WB Predicted band size : 58kDa

Host/Isotype : Mouse IgG1

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human

Immunogen : Purified recombinant fragment of human ZBTB7B expressed in E. Coli.

Formulation : Ascitic fluid containing 0.03% sodium azide.

Application

WB	1/500 - 1/2000
IHC	1/200 - 1/1000
ICC	1/200 - 1/1000
ELISA	1/10000

References

1. Proc Natl Acad Sci U S A. 1994 Sep 27;91(20):9372-6.
2. J Biol Chem. 2000 Sep 1;275(35):27421-38.
3. J Cell Biochem. 2009 Aug 15;107(6):1037-45. Review.

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Protocol

WB - www.promab.com/protocol/wb.html

IHC - www.promab.com/protocol/ihc.html

ICC - www.promab.com/protocol/icc.html

HCM - www.promab.com/protocol/hcm.html

Antigen Sequence is available upon request.

Products and Services

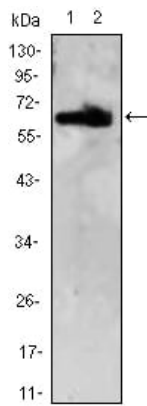
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

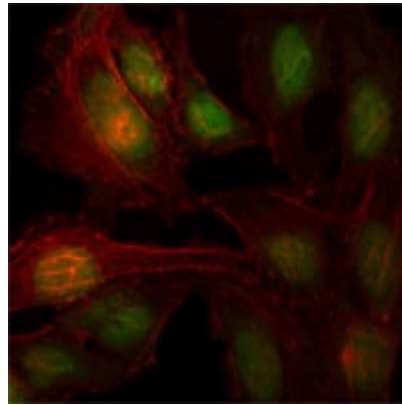
Application Key: WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

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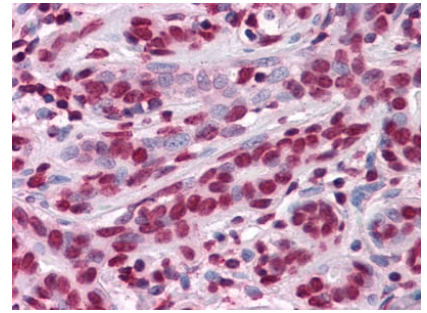
Mouse Monoclonal Antibody to ZBTB7B



Western blot analysis using ZBTB7B mAb against HEK293 (1,2) cell lysate.



Immunofluorescence analysis of HeLa cells using ZBTB7B mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin



Immunohistochemical analysis of paraffin-embedded human Breast tissues using anti-ZBTB7B mouse mAb

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