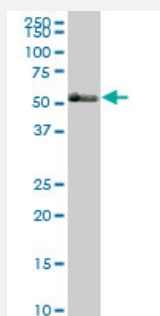


TBX21 monoclonal antibody (M10), clone 2F10

Catalog # H00030009-M10

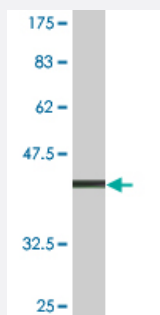
Size 100 ug

Applications



Western Blot (Tissue lysate)

TBX21 monoclonal antibody (M10), clone 2F10. Western Blot analysis of TBX21 expression in human spleen.



Western Blot detection against Immunogen (40.59 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant TBX21.

Immunogen

TBX21 (NP_037483, 400 a.a. ~ 535 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

RAVSMKPAFLPSAPGPTMSYRGQEV LAPGAGWPVAPQYPPKMGPASWFRPMRTLPMEPGPG
GSEGRGPEDQG PPLVWTEIAPIRPESSD SGLGEGDSKRRRVSPYPSSGDSSSPAGAPSPFDKE
AEGQFYNYFPN

Host

Mouse

Reactivity

Human

Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.59 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

TBX21 monoclonal antibody (M10), clone 2F10. Western Blot analysis of TBX21 expression in human spleen.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TBX21

Entrez GeneID	30009
GeneBank Accession#	NM_013351
Protein Accession#	NP_037483
Gene Name	TBX21
Gene Alias	T-PET, T-bet, TBET, TBLYM
Gene Description	T-box 21
Omim ID	208550 604895
Gene Ontology	Hyperlink

Gene Summary

This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is the human ortholog of mouse Tbx21/Tbet gene. Studies in mouse show that Tbx21 protein is a Th1 cell-specific transcription factor that controls the expression of the hallmark Th1 cytokine, interferon-gamma (IFNG). Expression of the human ortholog also correlates with IFNG expression in Th1 and natural killer cells, suggesting a role for this gene in initiating Th1 lineage development from naive Th precursor cells. [provided by RefSeq]

Other Designations

T-box expressed in T cells|T-cell-specific T-box transcription factor

Disease

- [Arthritis](#)
- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Inflammation](#)
- [Lupus Erythematosus](#)
- [Respiratory Syncytial Virus Infections](#)
- [Scleroderma](#)