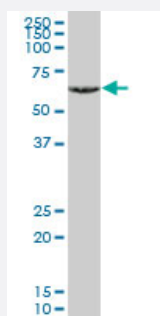


TBX21 monoclonal antibody (M07), clone 3D7

Catalog # H00030009-M07

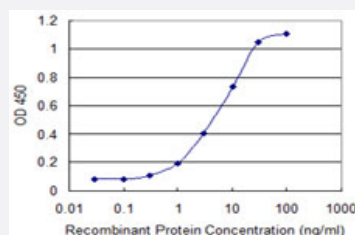
Size 100 ug

Applications



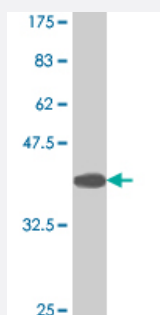
Western Blot (Cell lysate)

TBX21 monoclonal antibody (M07), clone 3D7. Western Blot analysis of TBX21 expression in NIH/3T3 (Cat # L018V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TBX21 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant TBX21.

Immunogen	TBX21 (AAH39739.1, 387 a.a. ~ 486 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LGAPRDHSYEAEFRAVSMKPAFLPSAPGPTMSYYRGQEV LAPGAGWPVAPQYPPKMGPASWF RPMRTLPMEPGPGGGSEGRGPEDQGPPLVWTEIAPIRPE
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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 (Cell lysate)

TBX21 monoclonal antibody (M07), clone 3D7. Western Blot analysis of TBX21 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TBX21 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TBX21

Entrez GeneID	30009
GeneBank Accession#	BC039739
Protein Accession#	AAH39739.1

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](#)
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- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
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