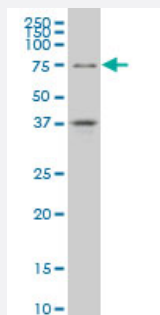


TCF4 monoclonal antibody (M01), clone 3E10

Catalog # H00006925-M01

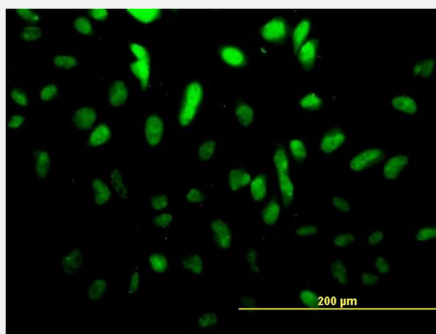
Size 100 ug

Applications



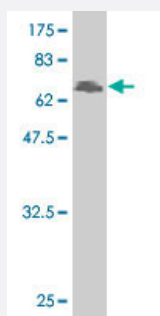
Western Blot (Cell lysate)

TCF4 monoclonal antibody (M01), clone 3E10 Western Blot analysis of TCF4 expression in A-549 (Cat # L025V1).



Immunofluorescence

Immunofluorescence of monoclonal antibody to TCF4 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (65.89 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant TCF4.

Immunogen	TCF4 (AAH31056.1, 1 a.a. ~ 365 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MHHQQRMAALGTDKELSDLLDFSAMFSPPVSSGKNGPTSLASGHFTGSNVEDRSSSSGSWGNG GHPSPSRNYGDGTPYDHTTSRDLGSHDNLSPPFVNSRIQSKTERGSYSSYGRESNLQGCHQQSL LGGDMMDMGNPGTLPSTKPGSQYYQYSSNNPRRRPLHSSAMEVQTKKVRKVPPGLPSSVYAPSA STADYNRDSPPGYSSKIPATSTFPSSFFMQDGHHSDDPWSSSSGMNQPGYAGMLGNSSHIPQSS SYCSLHPHERLSYPSSHSSADINSSLPPMSTFHRSGTNHYSTSSCTPPANGTDSIMANRGSGAAGS SQTGDALGKALASIYSPDHTNNSFSSNPSTPVGSPPSLSAGTAVWSRN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (65.89 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)

TCF4 monoclonal antibody (M01), clone 3E10 Western Blot analysis of TCF4 expression in A-549 (Cat # L025V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TCF4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — TCF4

Entrez GeneID	6925
GeneBank Accession#	BC031056.1
Protein Accession#	AAH31056.1
Gene Name	TCF4
Gene Alias	E2-2, ITF2, MGC149723, MGC149724, PTHS, SEF2, SEF2-1, SEF2-1A, SEF2-1B, bHLHb19
Gene Description	transcription factor 4
Omim ID	602272 610954
Gene Ontology	Hyperlink
Gene Summary	This gene encodes transcription factor 4, a basic helix-turn-helix transcription factor. The encoded protein recognizes an Ephrussi-box ('E-box') binding site ('CANNTG') - a motif first identified in immunoglobulin enhancers. This gene is expressed predominantly in pre-B-cells, although it is found in other tissues as well. Defects in this gene are a cause of Pitt-Hopkins syndrome. Multiple alternatively spliced transcript variants that encode different proteins have been described. [provided by RefSeq]
Other Designations	immunoglobulin transcription factor 2

Disease

- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)