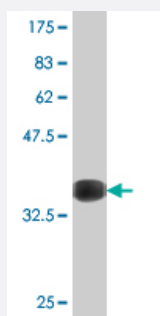


TCF2 monoclonal antibody (M03), clone 3A9

Catalog # H00006928-M03

Size 100 ug

Applications



Western Blot detection against Immunogen (35.90 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TCF2.
Immunogen	TCF2 (NP_000449, 29 a.a. ~ 118 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ALEELLPSNFGVKLETLPSPGSGAEPDTKPVFHTLTNGHAKGRLSGDEGSSEDGDDYDTPPIK ELQALNTEEAQAEVDRMLSEDP
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.90 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 (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HNF1B

Entrez GeneID [6928](#)

GeneBank Accession# [NM_000458](#)

Protein Accession# [NP_000449](#)

Gene Name HNF1B

Gene Alias FJHN, HNF1beta, HNF2, HPC11, LF-B3, LFB3, MODY5, TCF2, VHNF1

Gene Description HNF1 homeobox B

Omim ID [125853](#) [137920](#) [189907](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the homeodomain-containing superfamily of transcription factors . The protein binds to DNA as either a homodimer, or a heterodimer with the related protein hepatocyte nuclear factor 1-alpha. The gene has been shown to function in nephron development, and regulates development of the embryonic pancreas. Mutations in this gene result in renal cysts and diabetes syndrome and noninsulin-dependent diabetes mellitus, and expression of this gene is altered in some types of cancer. Multiple transcript variants encoding different isoforms have been found for this gene

Other Designations transcription factor 2|transcription factor 2, hepatic|transcription factor 2, hepatic; LF-B3; variant hepatic nuclear factor

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Birth Weight](#)
- [Carcinoma](#)

- [Cardiovascular Diseases](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [HIV Infections](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Vesico-Ureteral Reflux](#)
- [Wasting Syndrome](#)