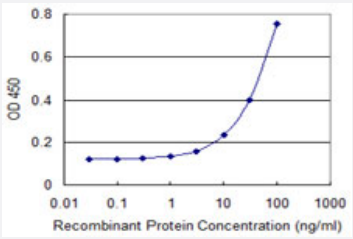
FOXC2 monoclonal antibody (M11), clone 3D6

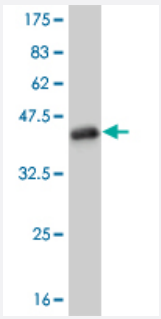
Catalog # H00002303-M11 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXC2 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant FOXC2.
Immunogen	FOXC2 (NP_005242, 156 a.a. ~ 256 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FENGSFLRRRRRFKKKDVSKEKEERAHLKEPPPAASKGAPATPHLADAPKEAEKKVVIKSEAASPALPVITKVETLSPESALQGSPRSAASTPAGSPDGSL
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (84); Rat (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 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

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged FOXC2 is 1 ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — FOXC2

Entrez GeneID	2303
GeneBank Accession#	NM_005251
Protein Accession#	NP_005242
Gene Name	FOXC2
Gene Alias	FKHL14, LD, MFH-1, MFH1
Gene Description	forkhead box C2 (MFH-1, mesenchyme forkhead 1)
Omim ID	153000 153200 153300 153400 602402
Gene Ontology	Hyperlink

Gene Summary	This gene belongs to the forkhead family of transcription factors which is characterized by a distinct DNA-binding forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in the development of mesenchymal tissues. [provided by RefSeq
Other Designations	MFH-1,mesenchyme forkhead 1|forkhead box C2|forkhead, Drosophila, homolog-like 14|forkhead-like 14

Disease

- Breast cancer
- Cardiovascular Diseases
- Chylothorax
- Cleft Lip
- Cleft Palate
- Diabetes
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Hyperlipidemias
- Insulin Resistance
- Lymphangiectasis
- Lymphedema
- Metabolic Syndrome X
- Obesity
- Osteoporosis
- Polycystic Ovary Syndrome
- Renal Insufficiency
- Werner syndrome