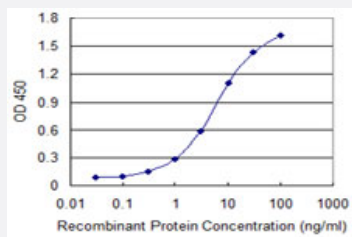


FOXC2 monoclonal antibody (M16), clone 1D4

Catalog # H00002303-M16

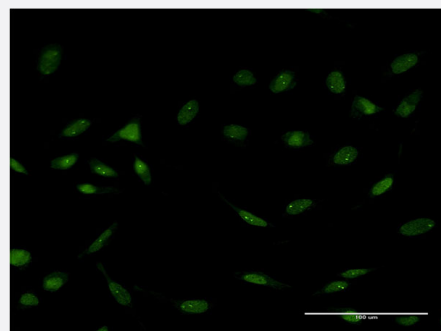
Size 50 ug

Applications



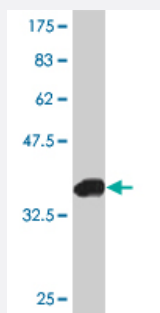
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXC2 is 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to FOXC2 on HeLa cell . [antibody concentration 10 ug/ml]



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	FENGSLFLRRRRRFKKKDVSKKEEERHLKEPPPAASKGAPATPHLADAPKEAEKKVVIKSEAAS PALPVITKVETLSPESALQGSPRSAASTPAGSPDGSL
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 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to FOXC2 on HeLa cell . [antibody concentration 10 ug/ml]

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](#)