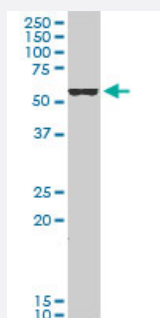


FOXC2 monoclonal antibody (M05), clone 3H5

Catalog # H00002303-M05

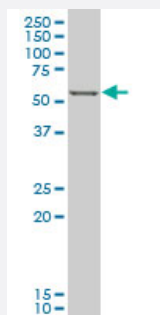
Size 100 ug

Applications



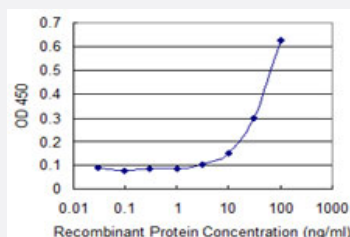
Western Blot (Cell lysate)

FOXC2 monoclonal antibody (M05), clone 3H5. Western Blot analysis of FOXC2 expression in PC-12 (Cat # L012V1).



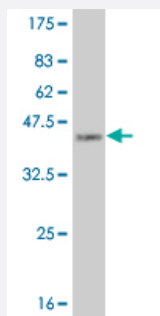
Western Blot (Cell lysate)

FOXC2 monoclonal antibody (M05), clone 3H5 Western Blot analysis of FOXC2 expression in Jurkat (Cat # L017V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXC2 is 3 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	FENGSLFLRRRRRFRKKKDVSKKEERAHLKEPPPAASKGAPATPHLADAPKEAEKKVVIKSEAAS PALPVITKVETLSPESALQGSPRSAASTPAGSPDGSL
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (84); Rat (86)
Isotype	IgG2b 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 (Cell lysate)

FOXC2 monoclonal antibody (M05), clone 3H5. Western Blot analysis of FOXC2 expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

FOXC2 monoclonal antibody (M05), clone 3H5 Western Blot analysis of FOXC2 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXC2 is 3 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](#)