10320 Camino Santa Fe, Suite G
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FOXC2 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2271a

Specification

FOXC2 Antibody - Product Information

Application	**E, WB**
Primary Accession	Q99958
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**53.7kDa KDa**

Description
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.

Immunogen
Purified recombinant fragment of human FOXC2 (AA: 21-210) expressed in E. Coli.

Formulation
Purified antibody in PBS with 0.05% sodium azide

FOXC2 Antibody - Additional Information

Gene ID 2303

Other Names
Forkhead box protein C2, Forkhead-related protein FKHL14, Mesenchyme fork head protein 1, MFH-1 protein, Transcription factor FKH-14, FOXC2, FKHL14, MFH1

Dilution
E~~1/10000
WB~~1/500 - 1/2000

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
FOXC2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

FOXC2 Antibody - Protein Information

Name FOXC2

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Synonyms FKHL14, MFH1

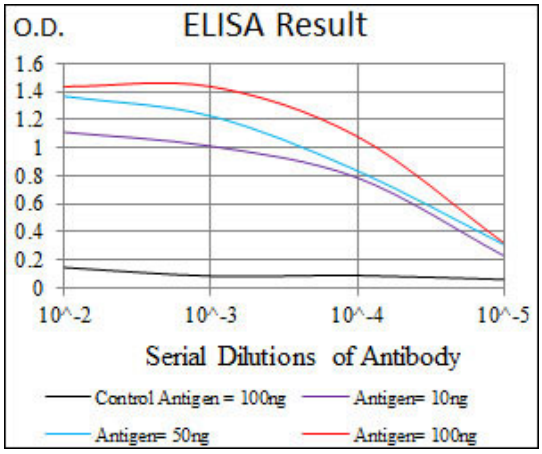
Function
Transcriptional activator.

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00089, ECO:0000269|PubMed:23878394, ECO:0000269|PubMed:28179430}

FOXC2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture



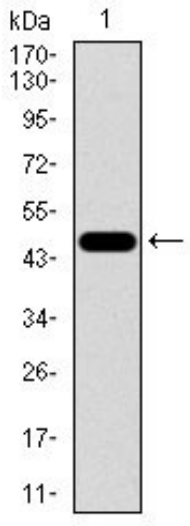


Figure 1: Western blot analysis using FOXC2 mAb against human FOXC2 recombinant protein.

(Expected MW is 47.2 kDa)

FOXC2 Antibody - References

1.Clin Lung Cancer. 2012 Jul;13(4):280-7. 2.Int Surg. 2011 Jul-Sep;96(3):207-16.