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FOXC2 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2271a

Product Information

Application	WB, E
Primary Accession	Q99958
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	1D11C8
Isotype	IgG1
Calculated MW	53719
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

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

Protein Information

Name	FOXC2
Synonyms	FKHL14, MFH1

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

References

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

Images

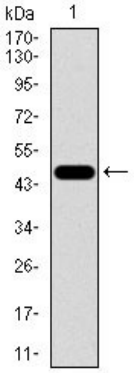


Figure 1: Western blot analysis using FOXC2 mAb against human FOXC2 recombinant protein. (Expected MW is 47.2 kDa)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.