

FOXC2 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant FOXC2.****Catalog # AT2088a****Specification**

FOXC2 Antibody (monoclonal) (M02) - Product Information

Application	IF, WB, IHC, E
Primary Accession	Q99958
Other Accession	NM_005251
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Lambda
Calculated MW	53719

FOXC2 Antibody (monoclonal) (M02) - 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

Target/Specificity

FOXC2 (NP_005242.1, 421 a.a. ~ 501 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

FOXC2 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

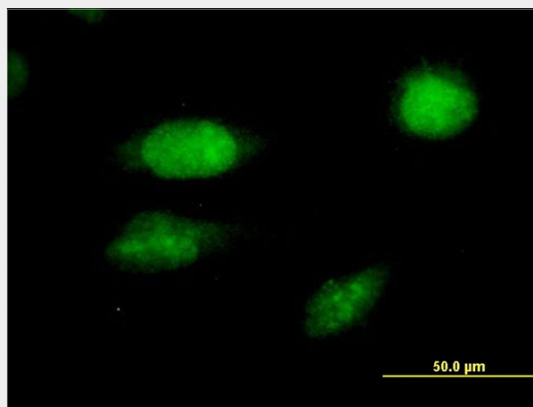
FOXC2 Antibody (monoclonal) (M02) - Protocols

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

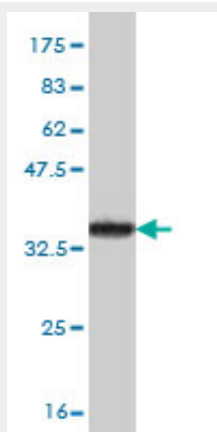
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

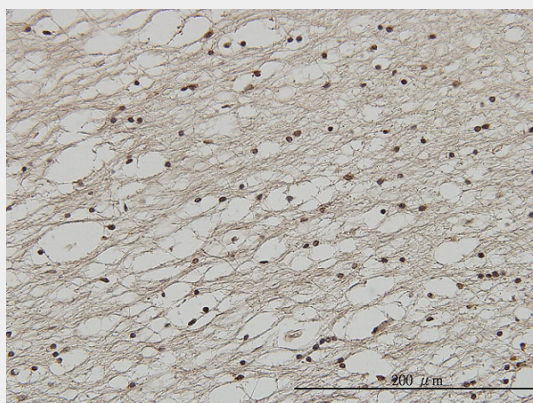
FOXC2 Antibody (monoclonal) (M02) - Images



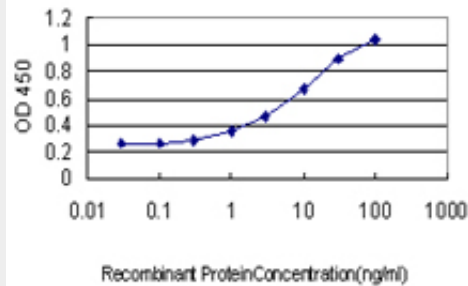
Immunofluorescence of monoclonal antibody to FOXC2 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.65 KDa) .



Immunoperoxidase of monoclonal antibody to FOXC2 on formalin-fixed paraffin-embedded human lateral ventricle wall. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged FOXC2 is approximately 0.3ng/ml as a capture antibody.

FOXC2 Antibody (monoclonal) (M02) - Background

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.

FOXC2 Antibody (monoclonal) (M02) - References

1. MiR-520h-mediated FOXC2 regulation is critical for inhibition of lung cancer progression by resveratrol. Yu YH, Chen HA, Chen PS, Cheng YJ, Hsu WH, Chang YW, Chen YH, Jan Y, Hsiao M, Chang TY, Liu YH, Jeng YM, Wu CH, Huang MT, Su YH, Hung MC, Chien MH, Chen CY, Kuo ML, Su JL. *Oncogene*. 2012 Mar 12. doi: 10.1038/onc.2012.74. [Epub ahead of print]
2. FOXC2 is a Novel Prognostic Factor in Human Esophageal Squamous Cell Carcinoma. Nishida N, Mimori K, Yokobori T, Sudo T, Tanaka F, Shibata K, Ishii H, Doki Y, Mori M. *Ann Surg Oncol*. 2010 Aug 28. [Epub ahead of print]