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FOXF2 Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a partial recombinant FOXF2.
Catalog # AT2094a

Specification

FOXF2 Antibody (monoclonal) (M08) - Product Information

Application	**IF, WB, E**
Primary Accession	Q12947
Other Accession	NM_001452
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**45993**

FOXF2 Antibody (monoclonal) (M08) - Additional Information

Gene ID 2295

Other Names
Forkhead box protein F2, Forkhead-related activator 2, FREAC-2, Forkhead-related protein FKHL6, Forkhead-related transcription factor 2, FOXF2, FKHL6, FREAC2

Target/Specificity
FOXF2 (NP_001443, 346 a.a. ~ 443 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
FOXF2 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

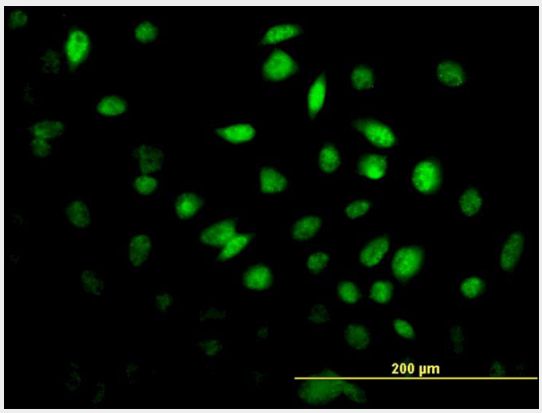
FOXF2 Antibody (monoclonal) (M08) - Protocols

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

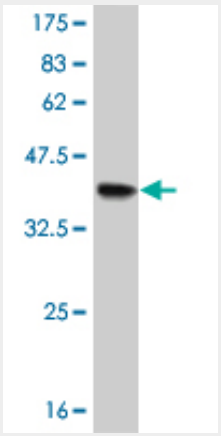
- Western Blot
- Blocking Peptides
- Dot Blot

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

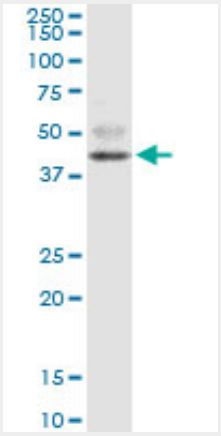
FOXF2 Antibody (monoclonal) (M08) - Images



Immunofluorescence of monoclonal antibody to FOXF2 on HeLa cell. [antibody concentration 10 ug/ml]



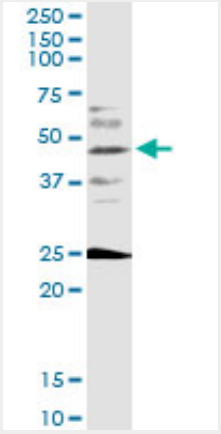
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.89 KDa) .



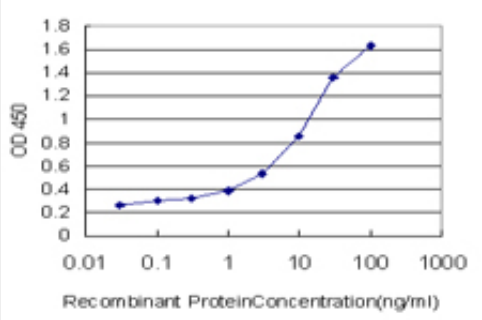
FOXF2 monoclonal antibody (M08), clone 3D11. Western Blot analysis of FOXF2 expression in

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human placenta.



FOXF2 monoclonal antibody (M08), clone 3D11. Western Blot analysis of FOXF2 expression in A-549.



Detection limit for recombinant GST tagged FOXF2 is approximately 0.03ng/ml as a capture antibody.

FOXF2 Antibody (monoclonal) (M08) - Background

FOXF2 encodes forkhead box F2, one of many human homologues of the Drosophila melanogaster transcription factor forkhead. FOXF2 is expressed in lung and placenta, and has been shown to transcriptionally activate several lung-specific genes.

FOXF2 Antibody (monoclonal) (M08) - References

Maternal genes and facial clefts in offspring: a comprehensive search for genetic associations in two population-based cleft studies from Scandinavia. Jugessur A, et al. PLoS One, 2010 Jul 9. PMID 20634891.The FOXF2 pathway in the human prostate stroma. van der Heul-Nieuwenhuijsen L, et al. Prostate, 2009 Oct 1. PMID 19562724.Mutation analysis of FOXF2 in patients with disorders of sex development (DSD) in combination with cleft palate. Jochumsen U, et al. Sex Dev, 2008. PMID 19276632.Gene expression of forkhead transcription factors in the normal and diseased human prostate. van der Heul-Nieuwenhuijsen L, et al. BJU Int, 2009 Jun. PMID 19220249.Systematic identification of SH3 domain-mediated human protein-protein interactions by peptide array target screening. Wu C, et al. Proteomics, 2007 Jun. PMID 17474147.