

# FOXF2 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant FOXF2.

Catalog # AT2092a

## Product Information

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Application	WB, IF, E
Primary Accession	<a href="#">Q12947</a>
Other Accession	<a href="#">NM_001452</a>
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	3F5
Calculated MW	45993

## Additional Information

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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 IF~~1:50~200 E~~N/A
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) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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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.

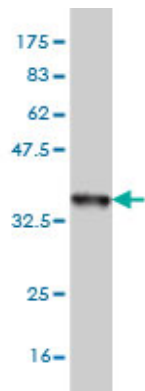
## References

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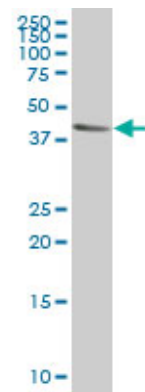
Maternal genes and facial clefts in offspring: a comprehensive search for genetic associations in two population-based cleft studies from Scandinavia. Jugessur A, et al. PLoS One, 2010 Jul 9. PMID 20634891.The

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.

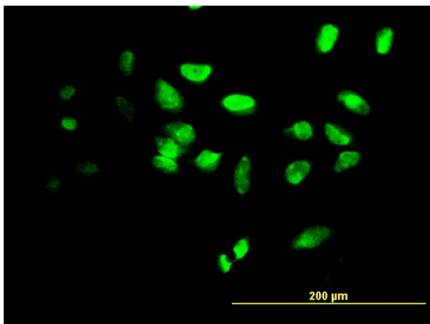
Images



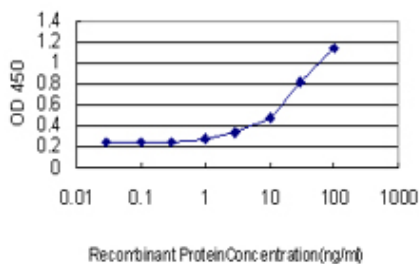
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .



FOXF2 monoclonal antibody (M03), clone 3F5. Western Blot analysis of FOXF2 expression in human intestinal wall.



Immunofluorescence of monoclonal antibody to FOXF2 on HeLa cell. [antibody concentration 30 ug/ml]



Detection limit for recombinant GST tagged FOXF2 is approximately 0.3ng/ml as a capture antibody.