

# Product Datasheet

## FOX2 Antibody (4G3) - Azide and BSA Free H00023543-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 1

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Updated 9/9/2025 v.20.1

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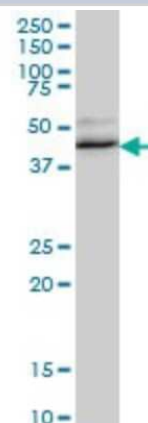
**H00023543-M01**

FOX2 Antibody (4G3) - Azide and BSA Free

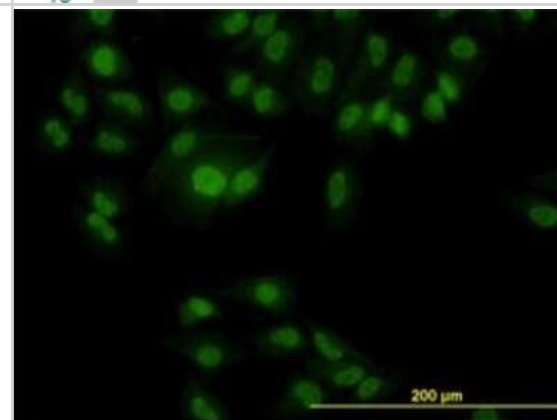
Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4G3
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
Product Description	
<b>Description</b>	Novus Biologicals Mouse FOX2 Antibody (4G3) - Azide and BSA Free (H00023543-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-FOX2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	23543
<b>Gene Symbol</b>	RBFOX2
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	RBM9 - RNA binding motif protein 9
<b>Immunogen</b>	RBM9 (AAH13115, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MEKKKMVTQGNQEPTTTPDAMVQPFTTIPFPPPPQNGIPTEYGVPHQTQDYAG QTGEHNLTLYGSTQAHGEQSSNSPSTQNGSLTTEGGAQTDGQQSQTQS
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Application Notes</b>	Antibody reactive against recominant protein and cell lysate for Western Blot. Has also been used for immunofluoresence, immunohistochemistry (paraffin), RNAi validation and ELISA.

## Images

Western Blot: FOX2 Antibody (4G3) [H00023543-M01] - RBM9 monoclonal antibody (M01), clone 4G3 Analysis of RBM9 expression in NIH/3T3.



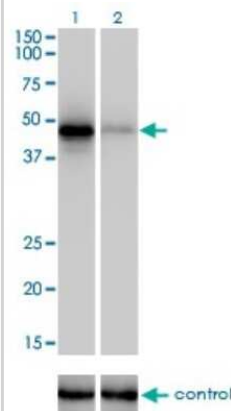
Immunocytochemistry/Immunofluorescence: FOX2 Antibody (4G3) [H00023543-M01] - Analysis of monoclonal antibody to RBM9 on HeLa cell. Antibody concentration 10 ug/ml.



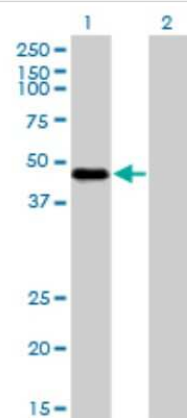
Immunohistochemistry-Paraffin: FOX2 Antibody (4G3) [H00023543-M01] - Analysis of monoclonal antibody to RBM9 on formalin-fixed paraffin-embedded human placenta. Antibody concentration 3 ug/ml.



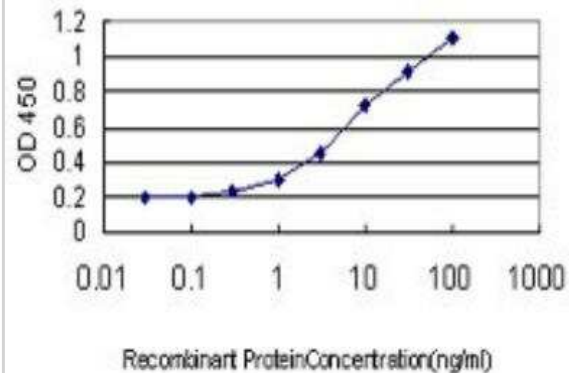
Western Blot: FOX2 Antibody (4G3) [H00023543-M01] - Analysis of RBM9 over-expressed 293 cell line, cotransfected with RBM9 Validated Chimera RNAi ( Cat # H00023543-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with RBM9 monoclonal antibody (M01), clone 4G3 (Cat # H00023543-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



Western Blot: FOX2 Antibody (4G3) [H00023543-M01] - Analysis of RBM9 expression in transfected 293T cell line by RBM9 monoclonal antibody (M01), clone 4G3. Lane 1: RBM9 transfected lysate(40.4 KDa). Lane 2: Non-transfected lysate.



ELISA: FOX2 Antibody (4G3) [H00023543-M01] - Detection limit for recombinant GST tagged RBM9 is approximately 0.1ng/ml as a capture antibody.



## Publications

Welzel F, Kaehler C, Isau M et al. FOX-2 Dependent Splicing of Ataxin-2 Transcript Is Affected by Ataxin-1 Overexpression. PLoS One. 2012-05-30 [PMID: 22666429]



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### **Products Related to H00023543-M01**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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