

# Product Datasheet

## **HNF-3 beta/FoxA2 Antibody (OTI3C10) - Azide and BSA Free** **NBP2-70904**

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-70904**

HNF-3 beta/FoxA2 Antibody (OTI3C10) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI3C10
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute with PBS (pH 7.3). To use this carrier-free antibody for conjugation experiments, another round of desalting is highly recommended.
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Lyophilized from PBS (pH 7.3) with 8% Trehalose
<b>Target Molecular Weight</b>	48.1 kDa

**Product Description**

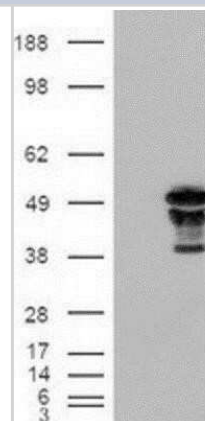
<b>Host</b>	Mouse
<b>Gene ID</b>	3170
<b>Gene Symbol</b>	FOXA2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	Recombinant protein expressed in E.coli corresponding to amino acids 300-458 of human FOXA2

**Product Application Details**

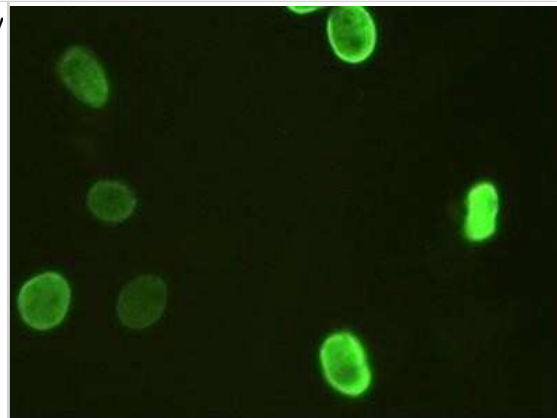
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:1000, Flow Cytometry 1:1000, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50-1:100, CyTOF-ready

**Images**

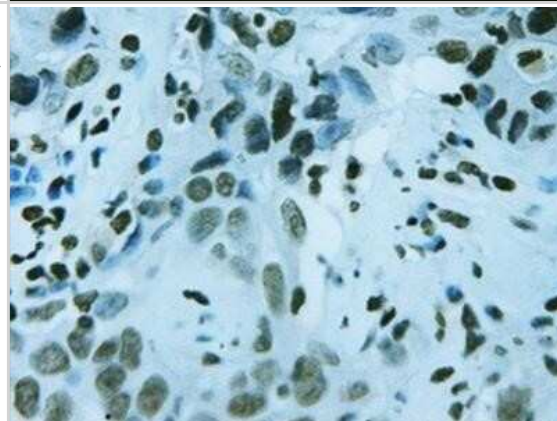
Western Blot: HNF-3 beta/FoxA2 Antibody (OTI3C10) - Azide and BSA Free [NBP2-70904] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FOXA2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FOXA2.



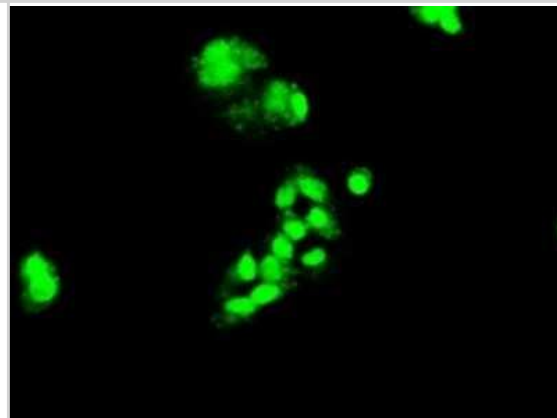
Immunocytochemistry/Immunofluorescence: HNF-3 beta/FoxA2 Antibody (OTI3C10) - Azide and BSA Free [NBP2-70904] - Staining of HeLa cells transiently transfected by pCMV6-ENTRY FOXA2.



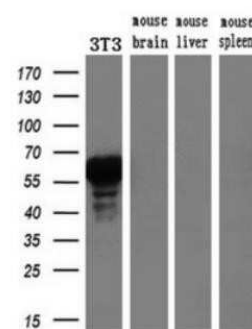
Immunohistochemistry: HNF-3 beta/FoxA2 Antibody (OTI3C10) - Azide and BSA Free [NBP2-70904] - Staining of paraffin-embedded Carcinoma of liver using anti-FOXA2 mouse monoclonal antibody.



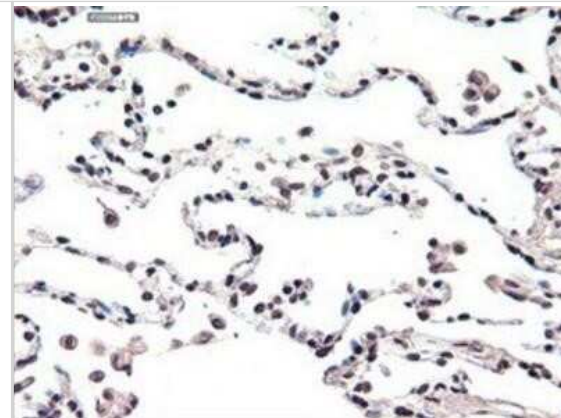
Flow Cytometry: HNF-3 beta/FoxA2 Antibody (OTI3C10) - Azide and BSA Free [NBP2-70904] - Staining of HepG2 cells using anti HNF-3 beta/FoxA2 mouse monoclonal antibody at 1:50 dilution.



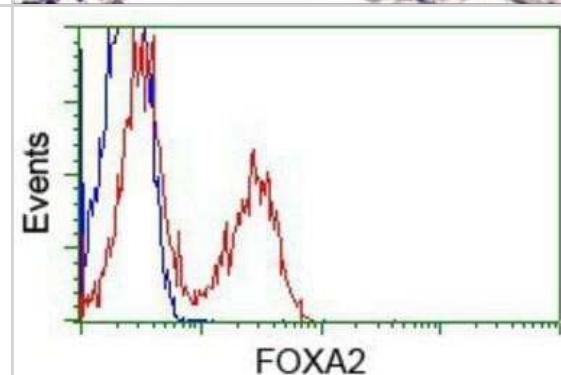
Western Blot: HNF-3 beta/FoxA2 Antibody (OTI3C10) - Azide and BSA Free [NBP2-70904] - Analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti HNF-3 beta/FoxA2 monoclonal antibody.(1:200).



Immunohistochemistry: HNF-3 beta/FoxA2 Antibody (OTI3C10) - Azide and BSA Free [NBP2-70904] - Staining of paraffin-embedded lung using anti-FOXA2 mouse monoclonal antibody.



Flow Cytometry: HNF-3 beta/FoxA2 Antibody (OTI3C10) - Azide and BSA Free [NBP2-70904] - HEK293T cells transfected with either pCMV6-ENTRY FOXA2.(Red) or empty vector control plasmid (Blue) were immunostaining with anti-FOXA2 mouse monoclonal, and then analyzed by flow cytometry.





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### **Products Related to NBP2-70904**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00003170-P01-2ug	Recombinant Human HNF-3 beta/FoxA2 GST (N-Term) Protein

### **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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