

Product Datasheet

HNF-3 beta/FoxA2 Antibody (OTI3C10) NBP2-02088

Unit Size: 0.1 ml

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

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NBP2-02088**HNF-3 beta/FoxA2 Antibody (OTI3C10)**

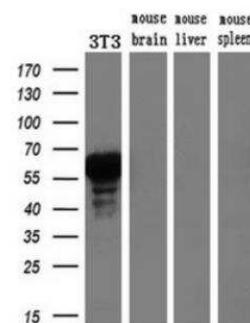
| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OTI3C10 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG1 |
| Purity | Immunogen affinity purified |
| Buffer | PBS (pH 7.3), 1.0% BSA and 50% Glycerol |
| Target Molecular Weight | 48.1 kDa |

| Product Description | |
|----------------------------|---|
| Host | Mouse |
| Gene ID | 3170 |
| Gene Symbol | FOXA2 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | 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. |
| Immunogen | Recombinant protein expressed in E.coli corresponding to amino acids 300-458 of human FOXA2 |

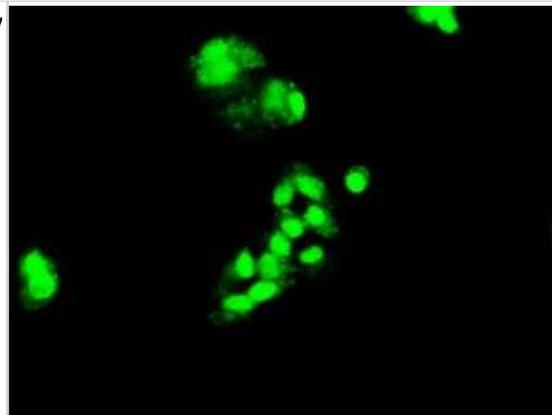
| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunohistochemistry-Paraffin 1:50 |

Images

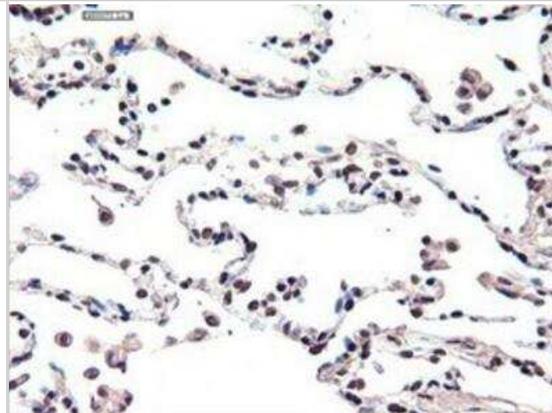
Western Blot: HNF-3 beta/FoxA2 Antibody (OTI3C10) [NBP2-02088] - Analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti HNF-3 beta/FoxA2 monoclonal antibody.(1:200).



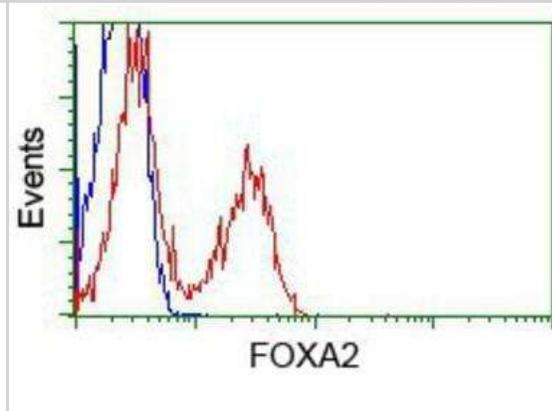
Immunocytochemistry/Immunofluorescence: HNF-3 beta/FoxA2 Antibody (OTI3C10) [NBP2-02088] - Staining of HepG2 cells using anti HNF-3 beta/FoxA2 mouse monoclonal antibody at 1:50 dilution.



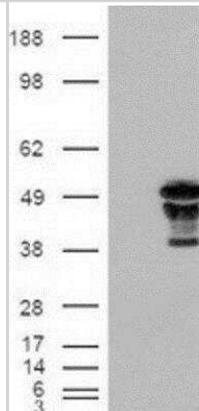
Immunohistochemistry-Paraffin: HNF-3 beta/FoxA2 Antibody (OTI3C10) [NBP2-02088] - Staining of paraffin-embedded lung using anti-FOXA2 mouse monoclonal antibody.



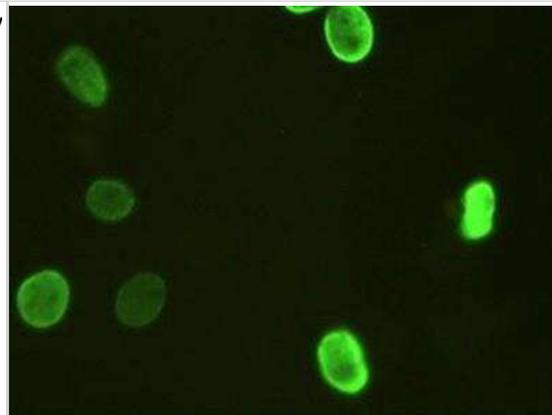
Flow Cytometry: HNF-3 beta/FoxA2 Antibody (OTI3C10) [NBP2-02088] - HEK293T cells transfected with either pCMV6-ENTRY FOXA2 (Red) or empty vector control plasmid (Blue) were immunostained with anti-FOXA2 mouse monoclonal, and then analyzed by flow cytometry.



Western Blot: HNF-3 beta/FoxA2 Antibody (OTI3C10) [NBP2-02088] - 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) [NBP2-02088] - Staining of HeLa cells transiently transfected by pCMV6-ENTRY FOXA2.



Immunohistochemistry-Paraffin: HNF-3 beta/FoxA2 Antibody (OTI3C10) [NBP2-02088] - Staining of paraffin-embedded Carcinoma of liver using anti-FOXA2 mouse monoclonal antibody.



Publications

Liu X, Yan C, Chang C et al. FOXA2 Suppression by TRIM36 Exerts Anti-Tumor Role in Colorectal Cancer Via Inducing NRF2/GPX4-Regulated Ferroptosis *Advanced science* (Weinheim, Baden-Wurtemberg, Germany) 2023-10-24 [PMID: 37875418] (ICC/IF, Human)

Details:

1:1000 ICC/IF dilution

Rajderkar S, Mann JM, Panaretos C et al. Trim33 is required for appropriate development of pre-cardiogenic mesoderm *Dev. Biol.* 2019-03-30 [PMID: 30940539] (WB, Mouse)



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Products Related to NBP2-02088

| | |
|------------------|---|
| 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) |
| NBP2-57623PEP | HNF-3 beta/FoxA2 Recombinant Protein Antigen |

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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