

Product Datasheet

GATA-4 Antibody (OTI9F9) - Azide and BSA Free NBP2-70797

Unit Size: 100 ug

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

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NBP2-70797

GATA-4 Antibody (OTI9F9) - Azide and BSA Free

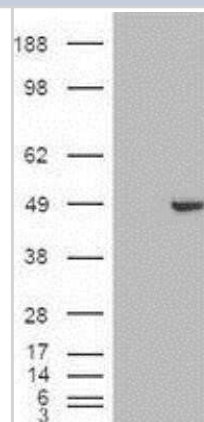
| Product Information | |
|-----------------------------|--|
| Unit Size | 100 ug |
| Concentration | LYOPH mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OTI9F9 |
| Preservative | No Preservative |
| Reconstitution Instructions | we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. |
| Isotype | IgG3 |
| Purity | Immunogen affinity purified |
| Buffer | Lyophilized from PBS (pH 7.3) with 8% Trehalose |
| Target Molecular Weight | 44.4 kDa |

| Product Description | |
|---------------------|---|
| Host | Mouse |
| Gene ID | 2626 |
| Gene Symbol | GATA4 |
| 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 | Human recombinant protein fragment corresponding to amino acids 296-442 of human GATA4 (NP_002043) produced in E.coli. |

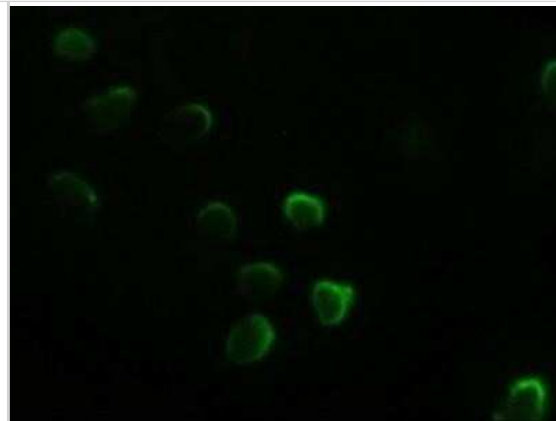
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:200-500, Flow Cytometry, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100 |

Images

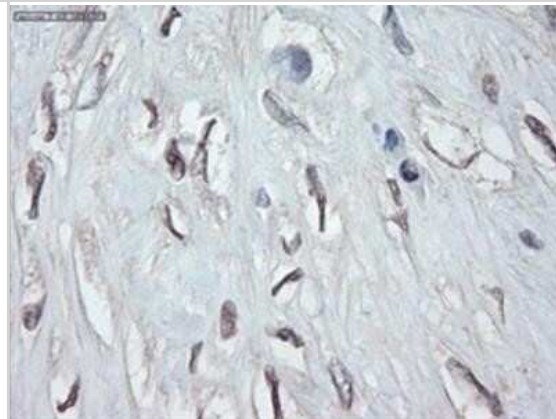
Western Blot: GATA-4 Antibody (OTI9F9) - Azide and BSA Free [NBP2-70797] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GATA4 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GATA4.



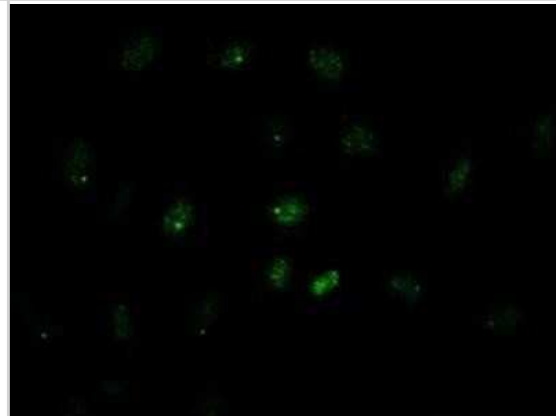
Immunocytochemistry/Immunofluorescence: GATA-4 Antibody (OTI9F9) - Azide and BSA Free [NBP2-70797] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY GATA4.



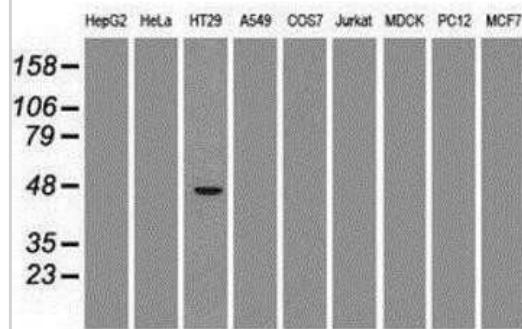
Immunohistochemistry: GATA-4 Antibody (OTI9F9) - Azide and BSA Free [NBP2-70797] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-GATA4 mouse monoclonal antibody.



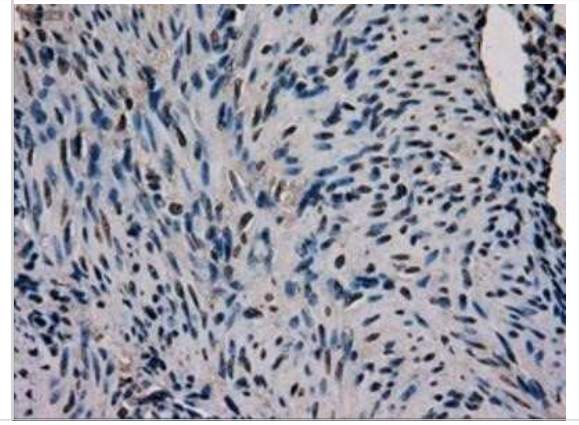
Flow Cytometry: GATA-4 Antibody (OTI9F9) - Azide and BSA Free [NBP2-70797] - Staining of HeLa cells using anti-GATA4 mouse monoclonal antibody.



Western Blot: GATA-4 Antibody (OTI9F9) - Azide and BSA Free [NBP2-70797] - Analysis of extracts (35ug) from 9 different cell lines by using anti-GATA4 monoclonal antibody.



Immunohistochemistry: GATA-4 Antibody (OTI9F9) - Azide and BSA Free [NBP2-70797] - Staining of paraffin-embedded Human endometrium tissue using anti-GATA4 mouse monoclonal antibody.





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Products Related to NBP2-70797

| | |
|--------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96777 | Mouse IgG3 Isotype Control (MG3) |
| H00002626-Q01-10ug | Recombinant Human GATA-4 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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