

Product Datasheet

GATA-4 Antibody (OTI9F9)

NBP1-47765

Unit Size: 0.1 ml

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

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NBP1-47765

GATA-4 Antibody (OTI9F9)

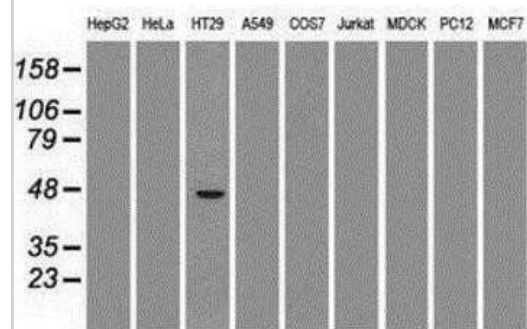
Product Information	
Unit Size	0.1 ml
Concentration	0.17 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI9F9
Preservative	0.02% Sodium Azide
Isotype	IgG3
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	44.4 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.
Specificity/Sensitivity	This antibody is specific for Homo sapiens GATA binding protein 4 (GATA4).
Immunogen	Human recombinant protein fragment corresponding to amino acids 296-442 of human GATA4 (NP_002043) produced in E.coli.

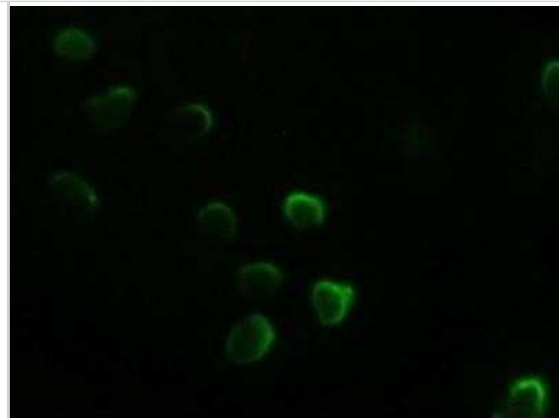
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200-500, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

Images

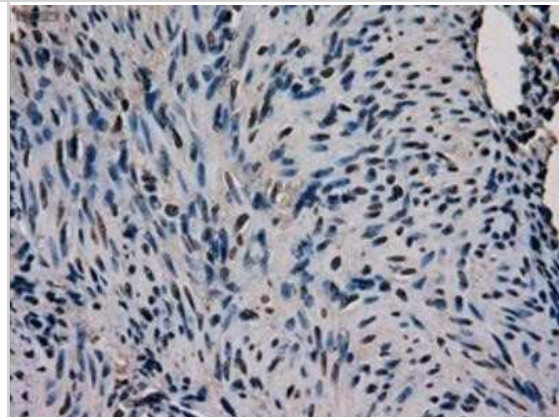
Western Blot: GATA-4 Antibody (OTI9F9) [NBP1-47765] - Analysis of extracts (35ug) from 9 different cell lines by using anti-GATA4 monoclonal antibody.



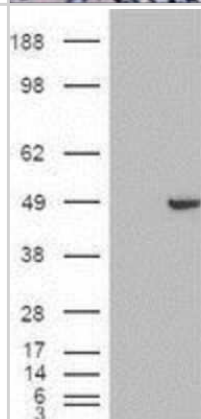
Immunocytochemistry/Immunofluorescence: GATA-4 Antibody (OTI9F9) [NBP1-47765] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY GATA4.



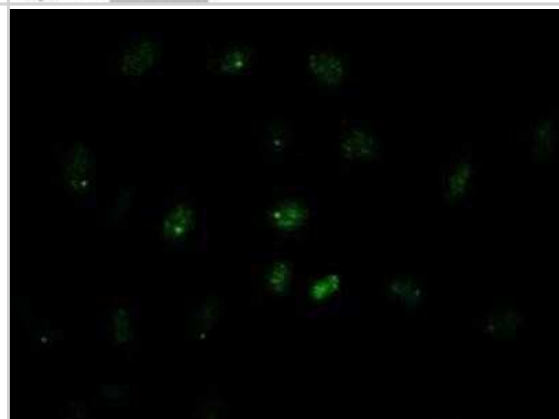
Immunohistochemistry-Paraffin: GATA-4 Antibody (OTI9F9) [NBP1-47765] - Staining of paraffin-embedded Human endometrium tissue using anti-GATA4 mouse monoclonal antibody.



Western Blot: GATA-4 Antibody (OTI9F9) [NBP1-47765] - 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) [NBP1-47765] - Staining of HeLa cells using anti-GATA4 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: GATA-4 Antibody (OTI9F9) [NBP1-47765] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-GATA4 mouse monoclonal antibody.





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Products Related to NBP1-47765

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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