

Product Datasheet

GATA-3 Antibody (OTI8H4)

NBP2-45810

Unit Size: 0.1 ml

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

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NBP2-45810

GATA-3 Antibody (OTI8H4)

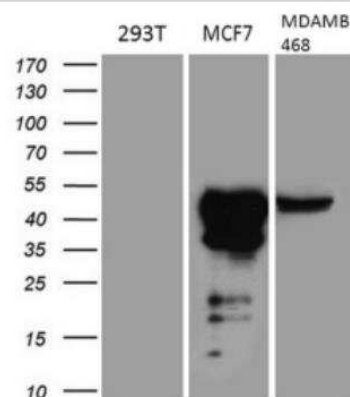
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI8H4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA, 50% Glycerol
Target Molecular Weight	47.9 kDa

Product Description	
Host	Mouse
Gene ID	2625
Gene Symbol	GATA3
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 155-443 of human GATA3 (NP_002042) produced in E.coli.

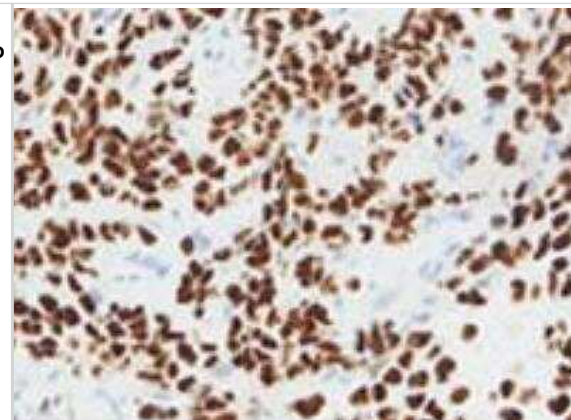
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200, Flow Cytometry 1:100, Immunohistochemistry 1:200, Immunohistochemistry-Paraffin

Images

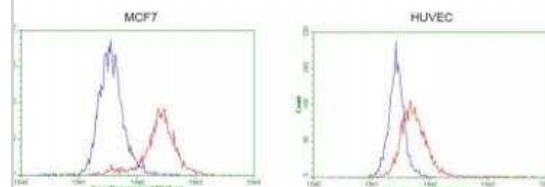
Western Blot: GATA-3 Antibody (OTI8H4) [NBP2-45810] - Analysis (35 ug) from 3 different cell lines by using anti-GATA3 monoclonal antibody at 1:200.



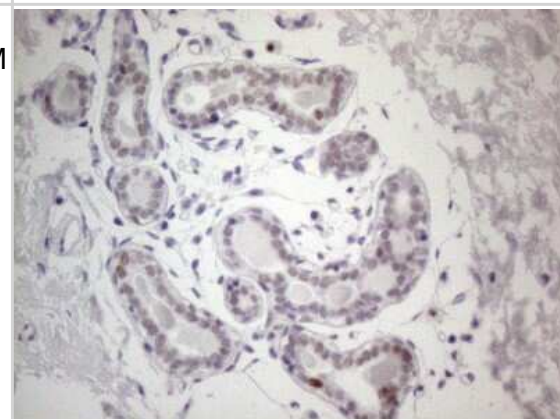
Immunohistochemistry-Paraffin: GATA-3 Antibody (OTI8H4) [NBP2-45810] - Mouse lung tissue section stained with GATA-3 antibody. IHC-P image submitted by a verified customer review.



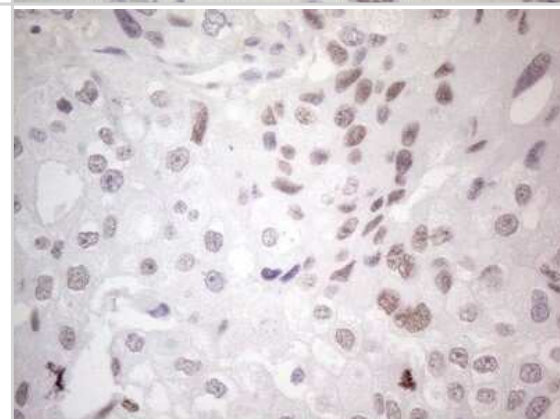
Flow Cytometry: GATA-3 Antibody (OTI8H4) [NBP2-45810] - Flow cytometric Analysis of penetrated MCF-7 cells, compared to a nonspecific negative control antibody, (Blue). The right is HUVEC cells as negative control (1:100).



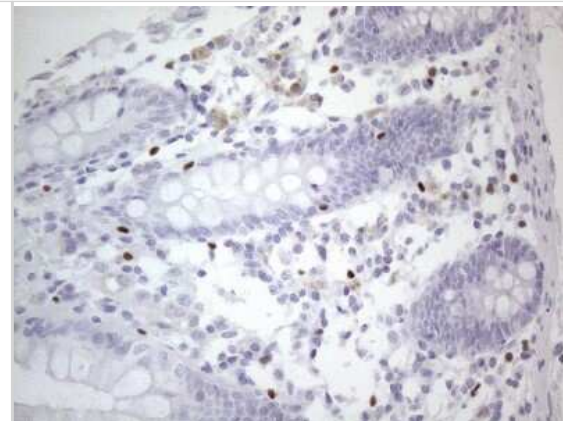
Immunohistochemistry: GATA-3 Antibody (OTI8H4) [NBP2-45810] - Analysis of Human breast tissue. Heat-induced epitope retrieval by 1 mM EDTA in 10 mM Tris buffer (pH 8.5) at 120C for 3 minutes.



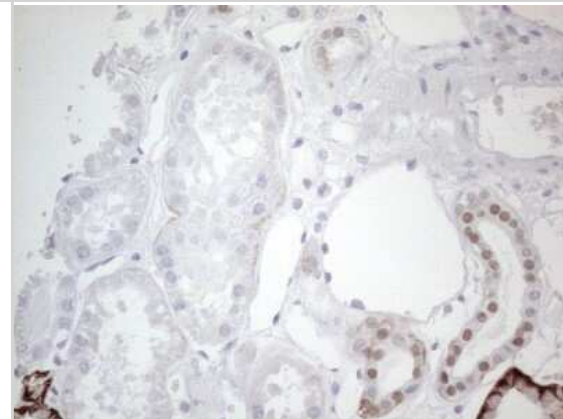
Immunohistochemistry: GATA-3 Antibody (OTI8H4) [NBP2-45810] - Analysis of Adenocarcinoma of Human breast tissue. Heat-induced epitope retrieval by 1 mM EDTA in 10 mM Tris buffer (pH 8.5) at 120C for 3 minutes.



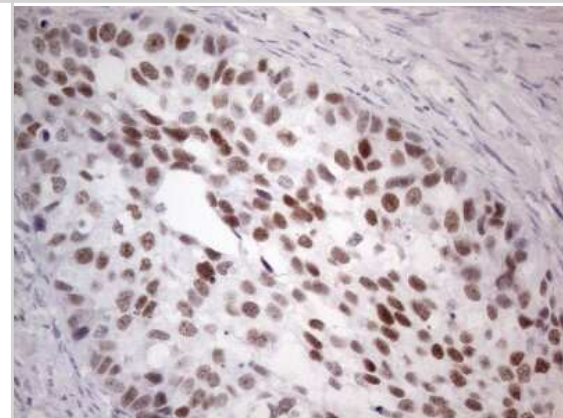
Immunohistochemistry: GATA-3 Antibody (OT18H4) [NBP2-45810] - Analysis of Human colon tissue. Heat-induced epitope retrieval by 1 mM EDTA in 10 mM Tris buffer (pH 8.5) at 120C for 3 minutes.



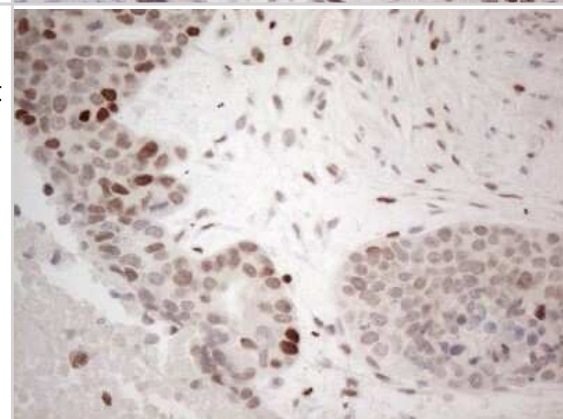
Immunohistochemistry: GATA-3 Antibody (OT18H4) [NBP2-45810] - Analysis of Human Kidney tissue. Heat-induced epitope retrieval by 1 mM EDTA in 10 mM Tris buffer (pH 8.5) at 120C for 3 minutes.



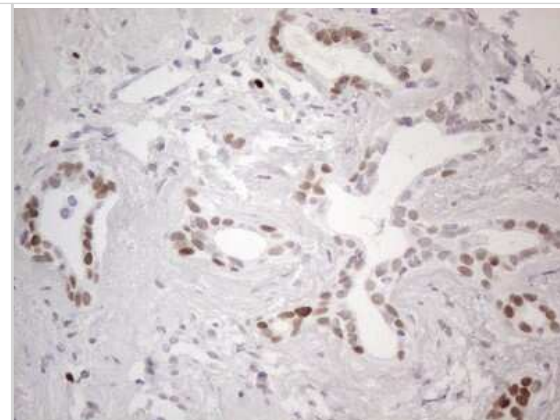
Immunohistochemistry: GATA-3 Antibody (OT18H4) [NBP2-45810] - Analysis of Carcinoma of Human kidney tissue. Heat-induced epitope retrieval by 1 mM EDTA in 10 mM Tris buffer (pH 8.5) at 120C for 3 minutes.



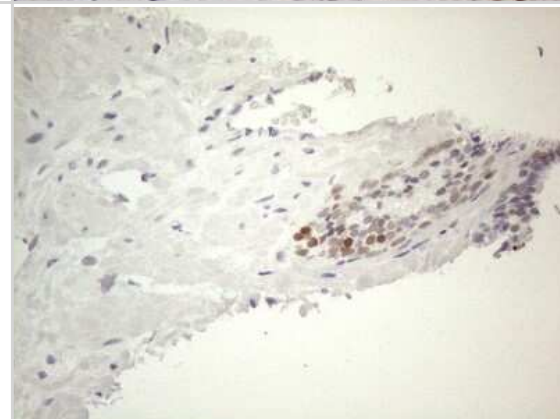
Immunohistochemistry: GATA-3 Antibody (OT18H4) [NBP2-45810] - Analysis of Adenocarcinoma of Human endometrium tissue. Heat-induced epitope retrieval by 1 mM EDTA in 10 mM Tris buffer (pH 8.5) at 120C for 3 minutes.



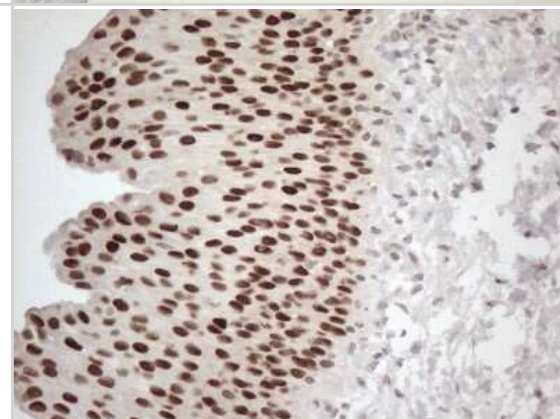
Immunohistochemistry: GATA-3 Antibody (OTI8H4) [NBP2-45810] - Analysis of Human prostate tissue. Heat-induced epitope retrieval by 1 mM EDTA in 10 mM Tris buffer (pH 8.5) at 120C for 3 minutes.



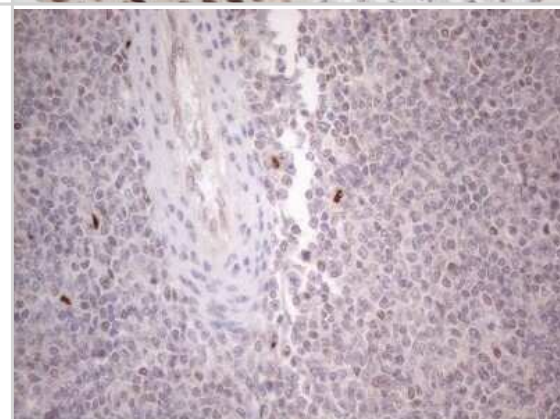
Immunohistochemistry: GATA-3 Antibody (OTI8H4) [NBP2-45810] - Analysis of Carcinoma of Human prostate tissue. Heat-induced epitope retrieval by 1 mM EDTA in 10 mM Tris buffer (pH 8.5) at 120C for 3 minutes.



Immunohistochemistry: GATA-3 Antibody (OTI8H4) [NBP2-45810] - Analysis of Human bladder tissue. Heat-induced epitope retrieval by 1 mM EDTA in 10 mM Tris buffer (pH 8.5) at 120C for 3 minutes.



Immunohistochemistry: GATA-3 Antibody (OTI8H4) [NBP2-45810] - Analysis of Human lymphoma tissue. Heat-induced epitope retrieval by 1 mM EDTA in 10 mM Tris buffer (pH 8.5) at 120C for 3 minutes.



Publications

Przepiorski A, Sander V, Tran T et al. A Simple Bioreactor-Based Method to Generate Kidney Organoids from Pluripotent Stem Cells Stem Cell Reports 2018-08-14 [PMID: 30033089] (IHC-P, Human)



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Products Related to NBP2-45810

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)
H00002625-P02-2ug	Recombinant Human GATA-3 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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