

Product datasheet for TA809095

GATA3 Mouse Monoclonal Antibody [Clone ID: OT18H4]

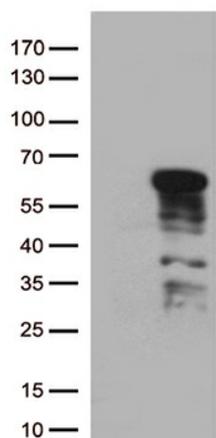
Product data:

Product Type:	Primary Antibodies
Clone Name:	OT18H4
Applications:	FC, IHC, WB
Recommend Dilution:	IHC 1:200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 155-443 of human GATA3 (NP_002042) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	47.9 kDa
Gene Name:	GATA binding protein 3
Database Link:	NP_001002295 Entrez Gene 2625 Human
Background:	This gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia. [provided by RefSeq, Nov 2009]
Synonyms:	HDR; HDRS
Protein Families:	Adult stem cells, ES Cell Differentiation/IPS, Stem cell relevant signaling - JAK/STAT signaling pathway, Transcription Factors

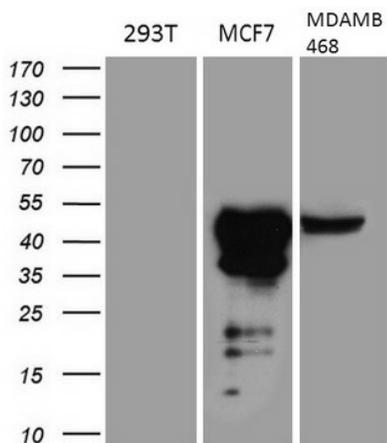


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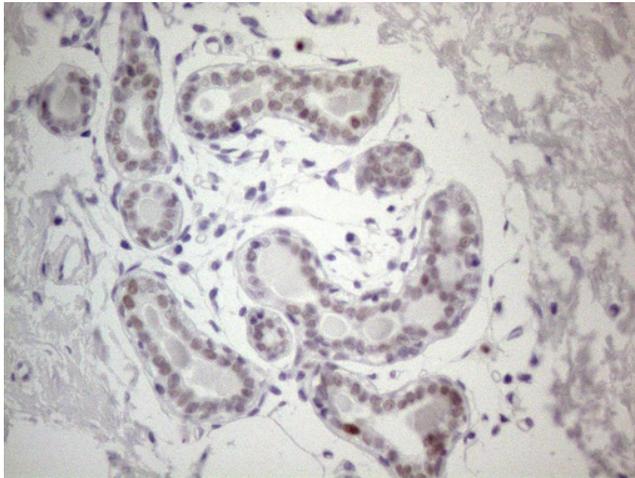
Product images:



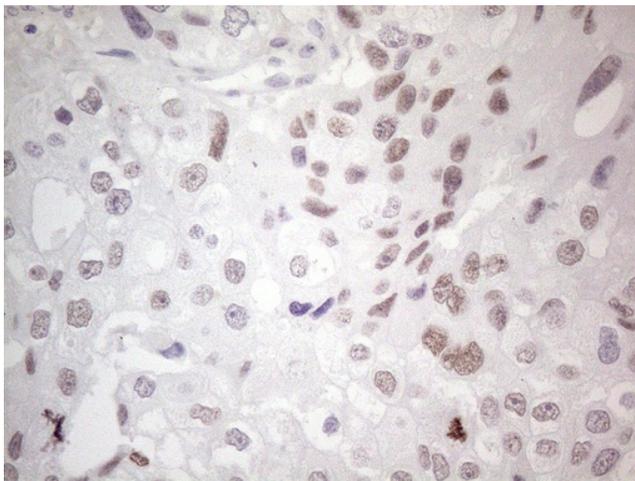
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GATA3 ([RC211904], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GATA3 (1:500).



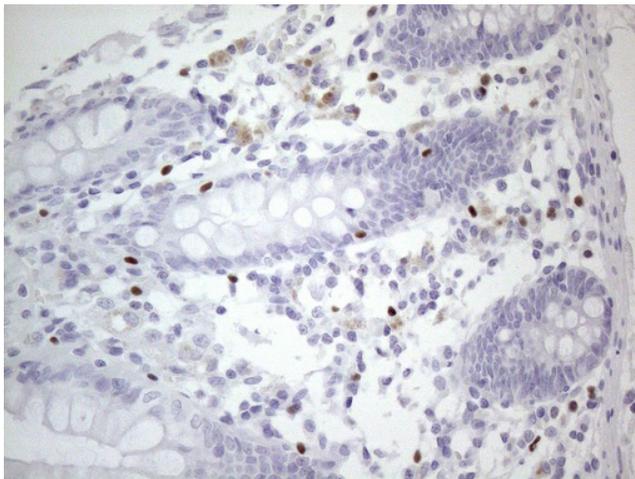
Western blot analysis of extracts (35ug) from 3 different cell lines by using anti-GATA3 monoclonal antibody (1:200).



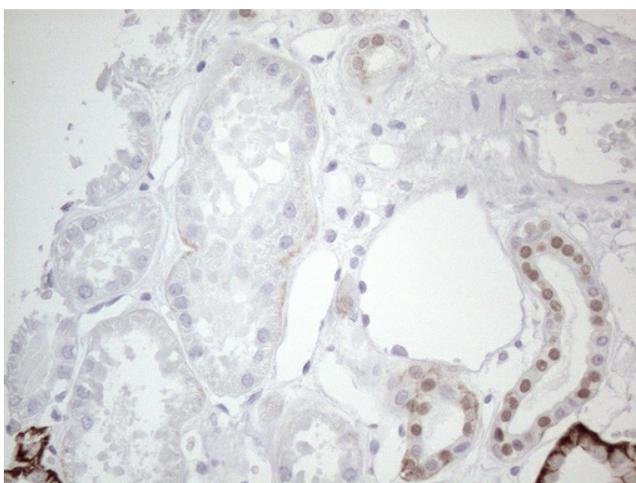
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-GATA3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809095) (1:150) (1:200)



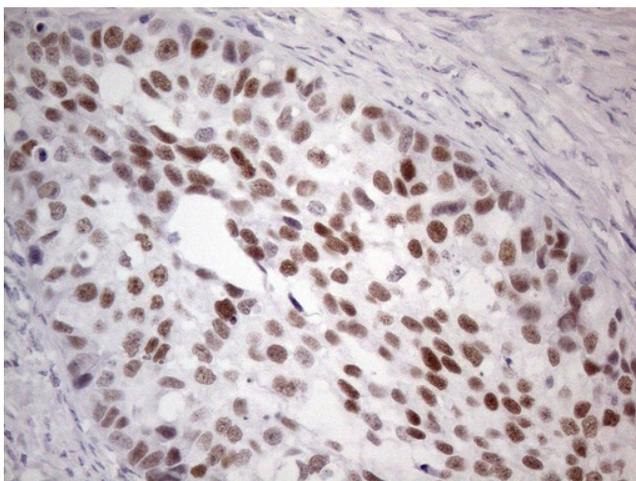
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-GATA3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809095) (1:150) (1:200)



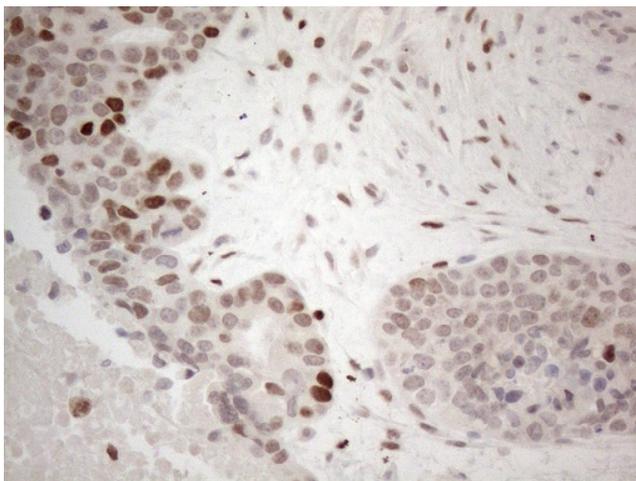
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-GATA3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809095) (1:150) (1:200)



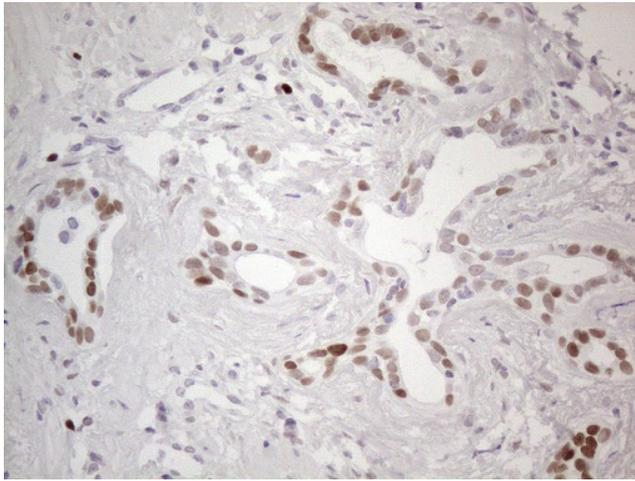
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-GATA3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809095) (1:200)



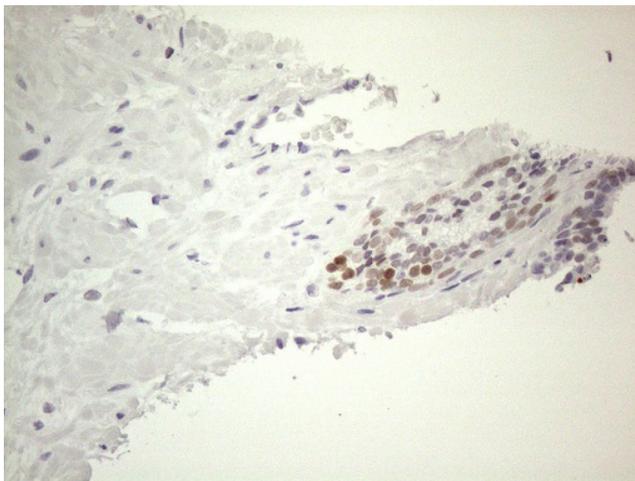
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-GATA3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809095) (1:150) (1:200)



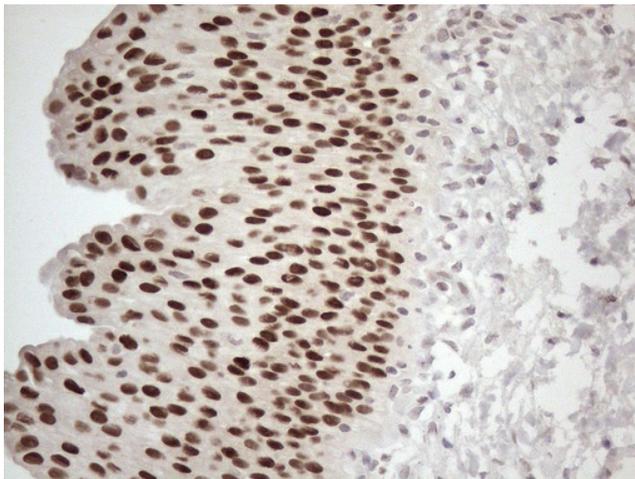
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-GATA3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809095) (1:150) (1:200)



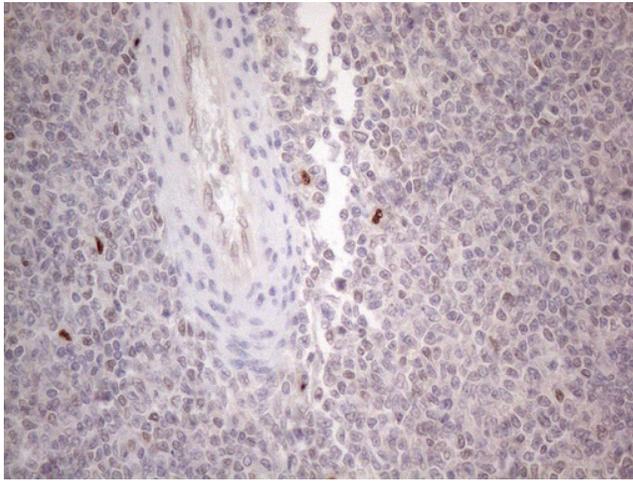
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-GATA3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809095) (1:200)



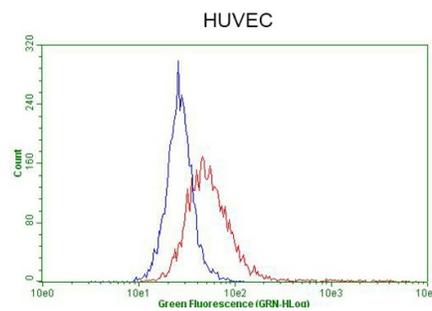
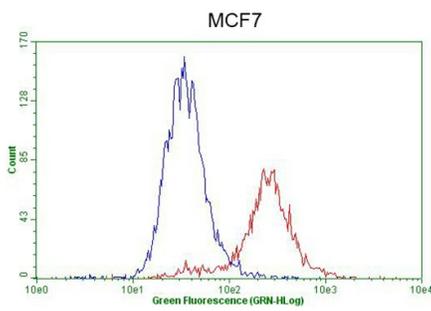
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-GATA3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809095) (1:150) (1:200)



Immunohistochemical staining of paraffin-embedded Human bladder tissue within the normal limits using anti-GATA3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809095) (1:200)



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-GATA3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809095) (1:150) (1:200)



Flow cytometric Analysis of penetrated MCF-7 cells, using anti-GATA3 antibody (TA809095), (Red), compared to a nonspecific negative control antibody, (Blue). The right is HUVEC cells as negative control (1:100).