

Anti-GATA3 Antibody [GATA3/6664] (A277623)

Specifications:

Name:	Anti-GATA3 Antibody [GATA3/6664]
Description:	Mouse monoclonal [GATA3/6664] antibody to GATA3.
Specificity:	GATA-3 (GATA binding protein 3) is a member of the GATA family of transcription factors. This 50kDa nuclear protein regulates the development and subsequent maintenance of a variety of human tissues, including hematopoietic cells, skin, kidney, mammary gland, and the central nervous system. Among several other roles, GATA-3 involved in luminal cell differentiation in the mammary gland and appears to control a set of genes involved in the differentiation and proliferation of breast cancer. The expression of GATA-3 is associated with the expression of estrogen receptor-alpha (ER) in breast cancer. GATA-3 has been shown to be a novel marker for bladder cancer. The study demonstrated that GATA-3 stained 67% of urothelial Carcinomas, but none of prostate or renal carcinomas.
Applications:	Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant full-length human GATA3 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	GATA3/6664
Isotype:	IgG2b
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-GATA3 Antibody [GATA3/6664] - BSA and Azide free (A278211).

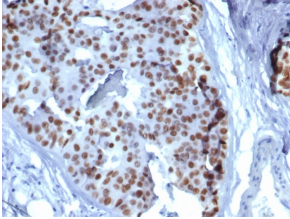
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Specifications continued:

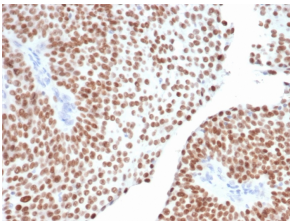
Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

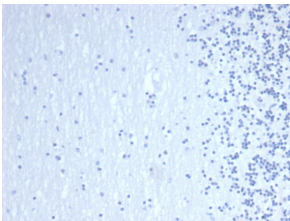
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human lobular breast carcinoma tissue using Anti-GATA3 Antibody [GATA3/6664].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human bladder tissue using Anti-GATA3 Antibody [GATA3/6664].



Negative Tissue Control: Immunohistochemical analysis of formalin-fixed, paraffin-embedded human brain using Anti-GATA3 Antibody [GATA3/6664] at 2µg/ml in PBS for 30 minutes at room temperature.