

Anti-GATA3 Antibody [GATA3/4550R] - BSA and Azide free (A278577)

Specifications:

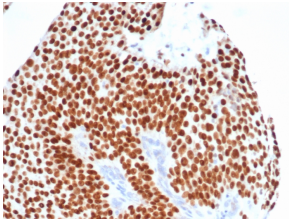
Name:	Anti-GATA3 Antibody [GATA3/4550R] - BSA and Azide free
Description:	Recombinant rabbit monoclonal [GATA3/4550R] antibody to GATA3.
Specificity:	GATA-3 (GATA binding protein 3) is a member of the GATA family of transcription factors. This 50kDa nuclear protein regulates the development and subsequent 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:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human, Rat
Immunogen:	Conserved peptide between the GATA trans-activation and DNA-binding domain.
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	GATA3/4550R
Isotype:	IgG
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
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 with BSA and Sodium Azide - Anti-GATA3 Antibody [GATA3/4550R] (A277989).

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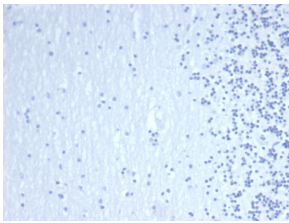
Specifications continued:

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 bladder carcinoma tissue using Anti-GATA3 Antibody [GATA3/4550R].



Negative Tissue Control: Immunohistochemical analysis of formalin-fixed, paraffin-embedded human brain using Anti-GATA3 Antibody [GATA3/4550R] at 2 μ g/ml in PBS for 30 minutes at room temperature.