

# Product Datasheet

## GATA-3 Antibody (GATA3/2444)

### NBP3-07662-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP3-07662-100ug**

GATA-3 Antibody (GATA3/2444)

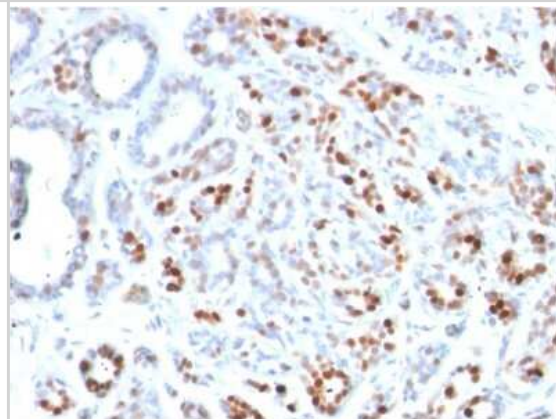
Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	GATA3/2444
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	50 kDa

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08424)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	2625
Gene Symbol	GATA3
Species	Human
Marker	Breast and Urothelial Marker
Specificity/Sensitivity	GATA-3 is a zinc finger transcription factor and plays an important role in promoting and directing cell proliferation, development, and differentiation in many tissues and cell types. GATA-3 expression is primarily seen in breast and urothelial carcinomas. Therefore, GATA3 antibody can be useful in the identification of unknown primary carcinoma when carcinomas of the breast or bladder are a possibility.
Immunogen	Recombinant fragment of human GATA-3 protein (around aa 357-436) (exact sequence is proprietary) (Uniprot: P23771)

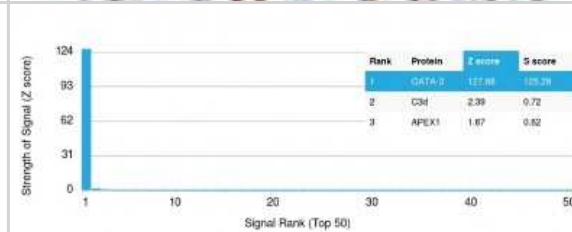
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

## Images

Immunohistochemistry-Paraffin: GATA-3 Antibody (GATA3/2444) [NBP3-07662] - Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with GATA-3 Mouse Monoclonal Antibody (GATA3/2444).



Protein Array: GATA-3 Antibody (GATA3/2444) [NBP3-07662] - Analysis of Protein Array containing more than 19,000 full-length human proteins using GATA-3 Mouse Monoclonal Antibody (GATA3/2444).





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### **Products Related to NBP3-07662-100ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00002625-P02-2ug	Recombinant Human GATA-3 GST (N-Term) Protein

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### **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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