

## GATA-3 (Breast and Urothelial Marker) Antibody

Mouse Monoclonal Antibody [Clone GATA3/2442]

Catalog No	Format	Size
2625-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2625-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2625-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

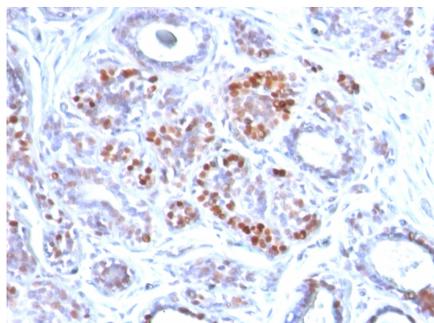
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

### Product Details

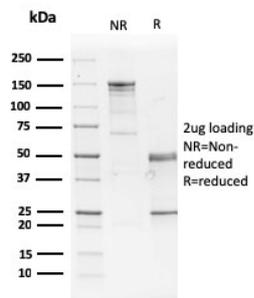
<b>Clone</b>	GATA3/2442
<b>Gene Name</b>	GATA3
<b>Immunogen</b>	Recombinant fragment of human GATA3 protein (around aa 357-436) (exact sequence is proprietary)
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2b / Kappa
<b>Mol. Weight of Antigen</b>	~50kDa
<b>Cellular Localization</b>	Nucleus
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	MCF-7 or T47D cells. Breast or Bladder Carcinoma.

\*Optimal dilution for a specific application should be determined.

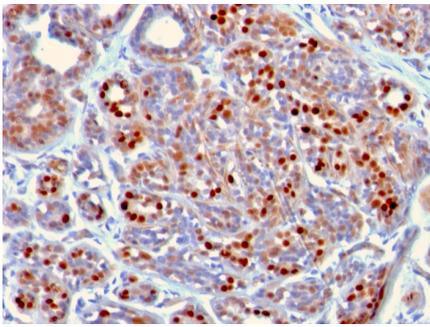
### Product Images for GATA-3 (Breast and Urothelial Marker) Antibody



Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with GATA-3 Mouse Monoclonal Antibody (GATA3/2442).



SDS-PAGE Analysis of Purified GATA-3 Mouse Monoclonal Antibody (GATA3/2442). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with GATA-3 Mouse Monoclonal Antibody (GATA3/2442).

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### Specificity & Comments

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.

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### Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

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### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

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### Research Areas

Cancer, Cardiovascular, Immunology, Cytokine Signaling, Nuclear Marker, Signal Transduction, Transcription Factors

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### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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