

Datasheet for ABIN6939496  
**anti-GATA3 antibody (AA 357-436)**



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3 Images

### Overview

Quantity:	100 µg
Target:	GATA3
Binding Specificity:	AA 357-436
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GATA3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

### Product Details

Immunogen:	Recombinant fragment of human GATA3 protein (around aa 357-436) (exact sequence is proprietary)
Clone:	GATA3-2442
Isotype:	IgG2b kappa
Purification:	Purified by Protein A/G

### Target Details

Target:	GATA3
Alternative Name:	GATA3 ( <a href="#">GATA3 Products</a> )
Background:	GATA-3 is a zinc finger transcription factor and plays an important role in promoting and

## Target Details

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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.

Molecular Weight: 50kDa

Gene ID: 2625

UniProt: [P23771](#)

Pathways: [Hormone Transport, Regulation of Hormone Metabolic Process, Tube Formation](#)

## Application Details

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Application Notes: Positive Control: MCF-7 or T47D cells. Breast or Bladder Carcinoma.  
Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

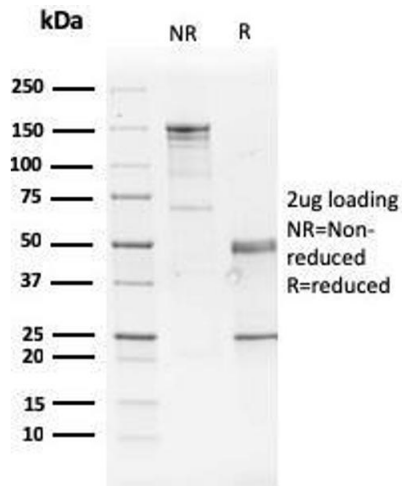
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

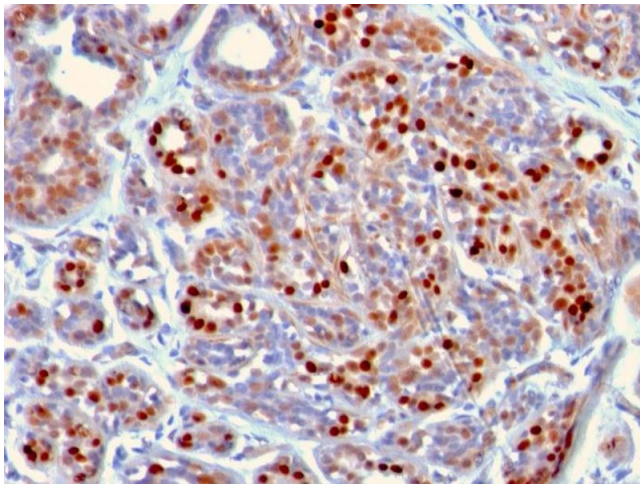
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



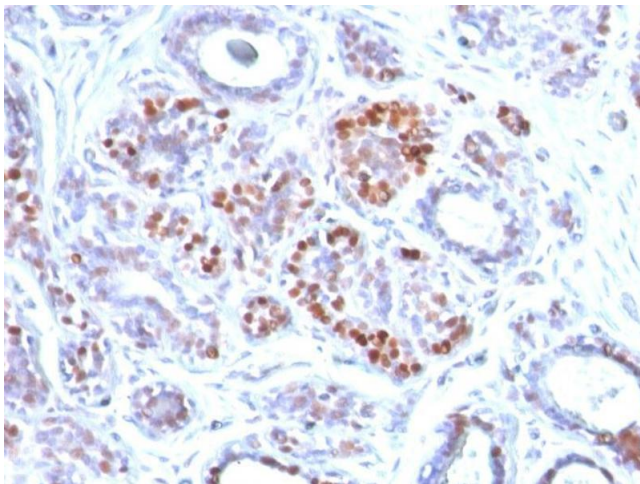
### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified GATA-3 Mouse Monoclonal Antibody (GATA3/2442). Confirmation of Purity and Integrity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with GATA-3 Mouse Monoclonal Antibody (GATA3/2442).



### Immunohistochemistry

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