

DATASHEET

GATA3 Mouse Monoclonal Antibody (ARM995)

CAT. NO. ARM6785

KEY FEATURES

Target	GATA3	Clone ID	ARM995
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

GATA3 is a transcription factor important in cell proliferation, development, and differentiation. GATA3 is mostly observed in breast and urothelial carcinomas, and is rarely present in other cancers such as endometrial endometrioid adenocarcinoma. Among the breast carcinomas, GATA3 has a lower expression in luminal B subtype breast carcinoma. Studies have found GATA3 expression to be associated with ER (estrogen receptor), PR (progesterone receptor), and HER2 in breast cancer cases. Urothelial carcinomas stain positively for GATA3 in invasive or high grade tumours, therefore Anti-GATA3 is useful for carcinoma diagnosis when those of the breast and bladder are plausible.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:100-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG1
Positive Control	Breast Carcinoma, Urothelial Carcinoma
Localization	Nuclear
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	GATA3
Entrez Gene ID	2625
Uniprot	P23771
Alternative Names	Trans-acting T-cell-specific, transcription factor GATA-3; GATA-binding factor 3

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

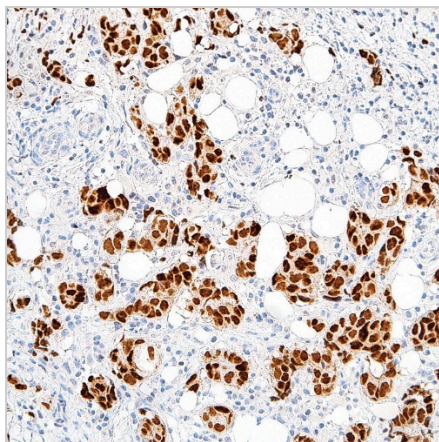
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

DATA

Immunohistochemical staining of human breast cancer tissue using GATA3 Mouse Monoclonal Antibody (ARM995).

RESEARCH USE ONLY

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / gata3-mouse-monoclonal-antibody-arm995-arm6785](http://www.arexbio.com/gata3-mouse-monoclonal-antibody-arm995-arm6785)