

Mouse anti-Human GATA-3 Monoclonal Antibody | anti-GATA3 antibody

GATA-3 (Center) (Breast and Urothelial Marker) Mouse Monoclonal Antibody [Clone GATA3/6664]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215672	Mouse	Human	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

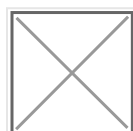
PRODUCT SYNONYMS

GATA-3; Monoclonal Antibody; GATA-3 (Center) (Breast and Urothelial Marker) Mouse Monoclonal Antibody [Clone GATA3/6664]; GATA-3 (Center) (Breast and Urothelial Marker); GATA binding protein-3; GATA-binding factor 3; HDR; HDRS; Transacting T-cell-specific transcription factor GATA-3; anti-GATA3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b, kappa
Clone Number	GATA3/6664
Form/Format	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.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-GATA3 antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human GATA-3 protein
Cellular Localization	Nuclear
Positive Control	Human breast or urothelial carcinoma tissue.
Hu-chromosome Location	10p14
Unigene	524134
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human lobular breast carcinoma stained with GATA-3 Mouse Monoclonal Antibody (GATA3/6664).

ADDITIONAL INFORMATION

Related Product Information for anti-GATA3 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50541959
NCBI GeneID	2625
NCBI Accession #	NP_001002295.1
NCBI GenBank Nucleotide #	NM_001002295.1
UniProt Accession #	P23771; Q5VWG7; Q5VWG8; Q96J16
Molecular Weight	47,916 Da
NCBI Official Full Name	trans-acting T-cell-specific transcription factor GATA-3 isoform 1
NCBI Official Synonym Full Names	GATA binding protein 3
NCBI Official Symbol	GATA3
NCBI Official Synonym Symbols	HDR; HDRS
NCBI Protein Information	trans-acting T-cell-specific transcription factor GATA-3; GATA-binding factor 3
UniProt Protein Name	Trans-acting T-cell-specific transcription factor GATA-3
UniProt Gene Name	GATA3
UniProt Entry Name	GATA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gata-3-antibody-clone-gata3-6664-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/215672>