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**Product Name: GATA3 Mouse Monoclonal Antibody****Catalog #: AMM82507**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	48kDa

**Antigen Information**

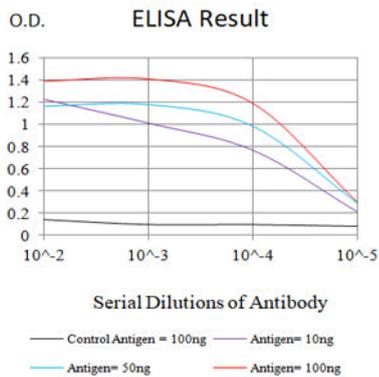
<b>Gene Name</b>	GATA3
<b>Alternative Names</b>	HDR; HDRS
<b>Gene ID</b>	2625.0
<b>SwissProt ID</b>	P23771
<b>Immunogen</b>	Purified recombinant fragment of human GATA3 (AA: (294-443)) expressed in E. Coli.

**Background**

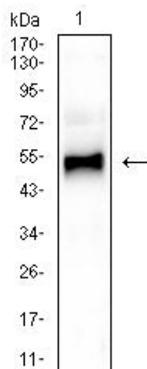
This gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia.

## Research Area

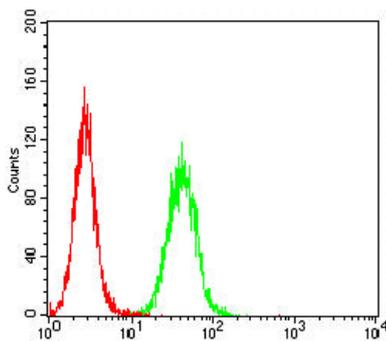
## Image Data



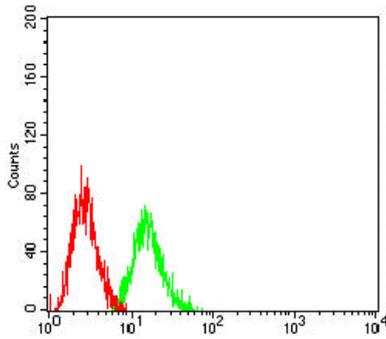
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



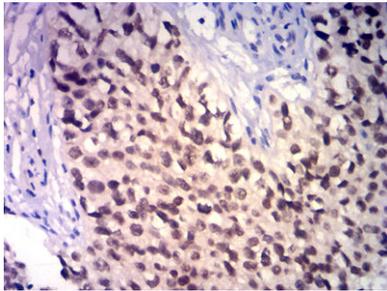
Western blot analysis using GATA3 mouse mAb against T47D (1) cell lysate.



Flow cytometric analysis of Hela cells using GATA3 mouse mAb (green) and negative control (red).



Flow cytometric analysis of SW-620 cells using GATA3 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using GATA3 mouse mAb with DAB staining.