

**Product Name: GATA6 Mouse Monoclonal Antibody****Catalog #: AMM81213**

For research use only.

## Summary

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	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>	ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	60kDa

## Antigen Information

<b>Gene Name</b>	GATA6
<b>Alternative Names</b>	GATA6
<b>Gene ID</b>	2627.0
<b>SwissProt ID</b>	Q92908
<b>Immunogen</b>	Purified recombinant fragment of human GATA6 (AA: 491-557) expressed in E. Coli.

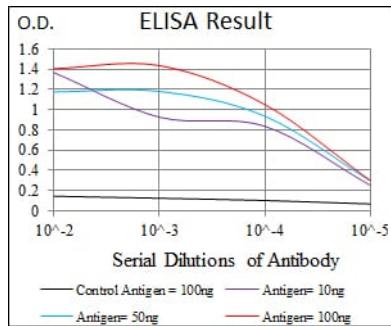
## Background

This gene is a member of a small family of zinc finger transcription factors that play an important role in the regulation of cellular differentiation and organogenesis during vertebrate development. This gene is expressed during early embryogenesis and localizes to endo- and mesodermally derived cells during later embryogenesis and thereby plays an important role in gut,

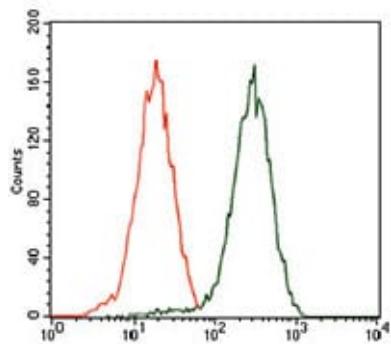
lung, and heart development. Mutations in this gene are associated with several congenital defects.

## Research Area

### Image Data



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



Flow cytometric analysis of HEK293 cells using GATA6 mouse mAb (green) and negative control (red).