

# GATA4 Mouse mAb

Catalog No.: A3600 **2 Publications**

## Basic Information

**Observed MW**

45kDa

**Calculated MW**

45kDa

**Category**

Primary antibody

**Applications**

WB, IHC-P, IP, ELISA

**Cross-Reactivity**

Human, Mouse, Rat

## Background

This gene encodes a member of the GATA family of zinc-finger transcription factors. Members of this family recognize the GATA motif which is present in the promoters of many genes. This protein is thought to regulate genes involved in embryogenesis and in myocardial differentiation and function, and is necessary for normal testicular development. Mutations in this gene have been associated with cardiac septal defects. Additionally, alterations in gene expression have been associated with several cancer types. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:200 - 1:500**IHC-P** 1:50 - 1:200**IP** 1:50 - 1:100

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**

2626

**Swiss Prot**

P43694

**Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**

TOF; ASD2; VSD1; TACHD; GATA4

## Contact

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## Product Information

**Source**

Mouse

**Isotype**

IgG

**Purification**

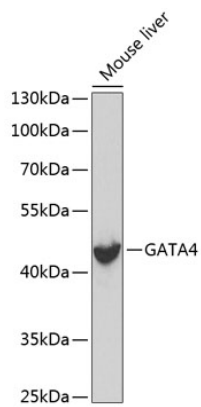
Affinity purification

**Storage**

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of lysates from mouse liver, using GATA4 Mouse mAb (A3600).