

Mouse GATA4 Monoclonal Antibody | anti-GATA4 antibody

GATA4 antibody

CATALOG # AAA106256	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

GATA4; Monoclonal Antibody; GATA4 antibody; Monoclonal GATA4; Anti-GATA4; GATA 4; GATA-4; anti-GATA4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG3
Clone Number	9F9
Purity/Purification	GATA4 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	442
Applicable Applications for anti-GATA4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	GATA4 is 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. Mutations in this gene have been associated with cardiac septal defects.
Cross-Reactivity	Human
Immunogen	GATA4 antibody was raised in mouse using a human recombinant protein fragment corresponding to amino acids 296-442 of human GATA4 (NP_002043) produced in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of GATA4 protein in paraffin embedded Human endometrium tissue using GATA4 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant GATA4 protein (Right) or empty vector (Left) detected with GATA4 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GATA4 antibody	Mouse monoclonal GATA4 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33188461
NCBI GeneID	2626
NCBI Accession #	NP_002043
NCBI GenBank Nucleotide #	NM_002052.3
UniProt Accession #	P43694; Q3MJ45; Q5IFM8; B7ZKX0; B7ZKZ4
Molecular Weight	44,665 Da
NCBI Official Full Name	transcription factor GATA-4 isoform 2
NCBI Official Synonym Full Names	GATA binding protein 4
NCBI Official Symbol	GATA4
NCBI Official Synonym Symbols	TOF; ASD2; VSD1; TACHD
NCBI Protein Information	transcription factor GATA-4
UniProt Protein Name	Transcription factor GATA-4
UniProt Gene Name	GATA4
UniProt Entry Name	GATA4_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/gata4-antibody-clone-9f9-western-blot-immunohistochemistry-immunofluorescence-elisa/106256>