

For Research Use Only

# GATA4 Monoclonal antibody, PBS Only



Catalog Number: 68012-1-PBS

## Basic Information

<b>Catalog Number:</b> 68012-1-PBS	<b>GenBank Accession Number:</b> BC101580	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2626	<b>CloneNo.:</b> 2F5C6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P43694	
<b>Isotype:</b> IgG1	<b>Full Name:</b> GATA binding protein 4	
<b>Immunogen Catalog Number:</b> AG30392	<b>Calculated MW:</b> 442 aa, 45 kDa	
	<b>Observed MW:</b> 44,45 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, Mouse

## Background Information

GATA4 is a transcriptional activator. GATA4 binds to the consensus sequence 5'-AGATAG-3'. GATA4 acts as a transcriptional activator of ANF in cooperation with NKX2-5. Mutation of GATA4 will cause the atrial septal defect type 2 (ASD2).

## Storage

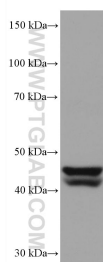
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 68012-1-Ig (GATA4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68012-1-PBS in a different storage buffer formulation.