

For Research Use Only

GATA4 Monoclonal antibody

Catalog Number: 68012-1-Ig



Basic Information

Catalog Number: 68012-1-Ig	GenBank Accession Number: BC101580	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2626	CloneNo.: 2F5C6
Source: Mouse	UNIPROT ID: P43694	Recommended Dilutions: WB 1:1000-1:8000
Isotype: IgG1	Full Name: GATA binding protein 4	
Immunogen Catalog Number: AG30392	Calculated MW: 442 aa, 45 kDa	
	Observed MW: 44,45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: Human, Mouse	WB : PC-3 cells, HEK-293 cells, HepG2 cells, NCCIT cells

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

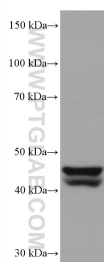
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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.