

GATA-4 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0610
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human GATA-4 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Transcription factor GATA-4
Synonyms	GATA4; Transcription factor GATA-4; GATA-binding factor 4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

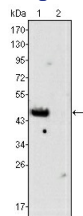
Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using GATA-4 Monoclonal antibody against rat fetal heart (1) and adult heart (2) tissues lysate.

Storage

-20°C for one year