

GATA6 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3659
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human GATA6 (AA: 491-557) expressed in E. Coli.
Mol wt	60kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	GATA6

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

Background

This gene is a member of a small family of zinc finger transcription factors that play an important role in the regulation of cellular differentiation and organogenesis during vertebrate development. This gene is expressed during early embryogenesis and localizes to endo- and mesodermally derived cells during later embryogenesis and thereby plays an important role in gut, lung, and heart development. Mutations in this gene are associated with several congenital defects.

Recommended Dilution

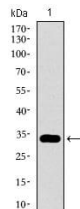
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

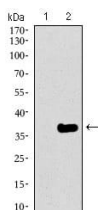
ELISA: 1:10000

Not yet tested in other applications.

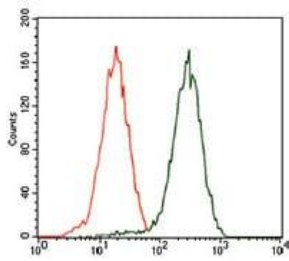
Images



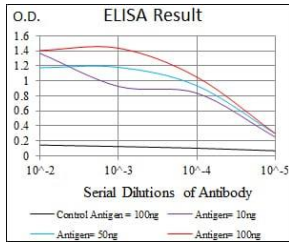
Western blot analysis using GATA6 mAb against human GATA6 recombinant protein. (Expected MW is 32.3 kDa)



Western blot analysis using GATA6 mAb against HEK293 (1) and GATA6 (AA: 491-557)-hIgGfc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HEK293 cells using GATA6 mouse mAb (green) and negative control (red).



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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