

FOXO1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2707
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human FOXO1 expressed in E. Coli.
Mol wt	69.7kDa
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB,IHC,ICC
Concentration	N/A
Full name	N/A
Synonyms	FKH1;FKHR;FOXO1A

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

Background

This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma.

Recommended Dilution

WB: 1:500 - 1:2000

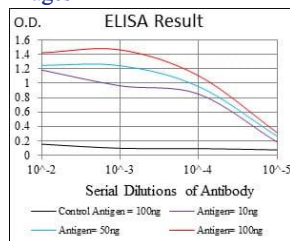
IHC-p: 1:200 - 1:1000

ICC: 1:200 - 1:1000

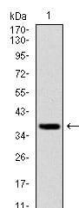
ELISA: 1:10000

Not yet tested in other applications.

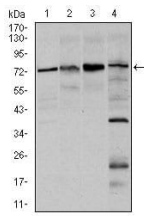
Images



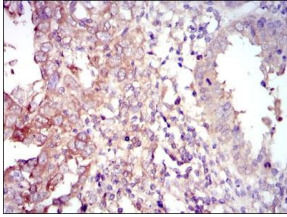
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



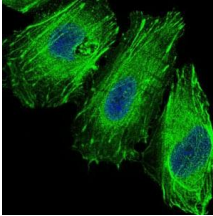
Western blot analysis using FOXO1 mAb against human FOXO1 (AA: 471-600) recombinant protein. (Expected MW is 39.3 kDa)



Western blot analysis using FOXO1 mouse mAb against HeLa (1), HEK293 (2), MCF-7(3), and C6 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded intima cancer tissues using FOXO1 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using FOXO1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

Storage

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

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