

SIRT4 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3223
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human SIRT4 (AA: 215-314) expressed in E. Coli.
Mol wt	35.2kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	SIR2L4

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

Background

N/A

Recommended Dilution

WB: 1:500 - 1:2000

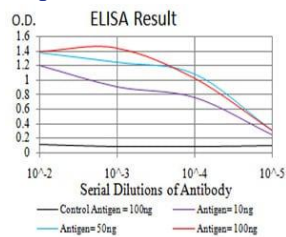
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

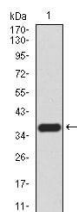
ELISA: 1:10000

Not yet tested in other applications.

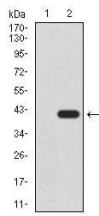
Images



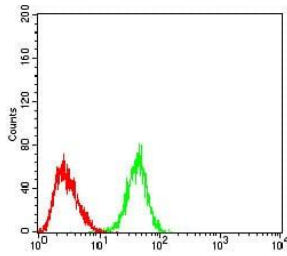
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



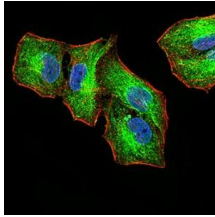
Western blot analysis using SIRT4 mAb against human SIRT4 (AA: 215-314) recombinant protein. (Expected MW is 37 kDa)



Western blot analysis using SIRT4 mAb against HEK293 (1) and SIRT4 (AA: 215-314)-hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HeLa cells using SIRT4 mouse mAb (green) and negative control (red).



Immunofluorescence analysis of HeLa cells using SIRT4 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Storage

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

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