

CBX5 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4197
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CBX5 (AA:1-191) expressed in E. Coli.
Mol wt	22.2kDa
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	HP1;HP1A;HEL25

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

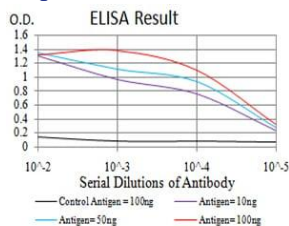
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

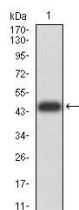
ELISA: 1:10000

Not yet tested in other applications.

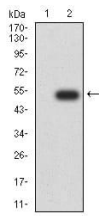
Images



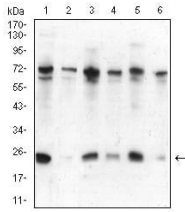
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



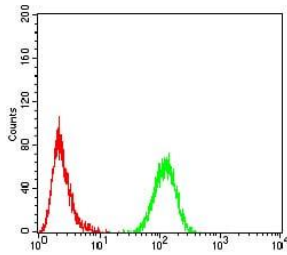
Western blot analysis using CBX5 mAb against human CBX5 (AA: 1-191) recombinant protein. (Expected MW is 48.2 kDa)



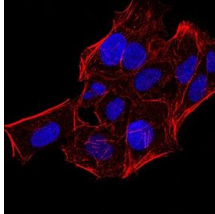
Western blot analysis using CBX5 mAb against HEK293 (1) and CBX5 (AA: 1-191)-hIgGFc transfected HEK293 (2) cell lysate.



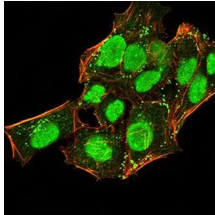
Western blot analysis using CBX5 mouse mAb against HeLa (1), NIH/3T3 (2), K562 (3), MCF-7 (4), Jurkat (5), and A431 (6) cell lysate.



Flow cytometric analysis of HeLa cells using CBX5 mouse mAb (green) and negative control (red).



Immunofluorescence analysis of HeLa cells using CBX5 mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunofluorescence analysis of HeLa cells using CBX5 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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