

EZH1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3068
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human EZH1 (AA: 135-294) expressed in E. Coli.
Mol wt	85.3kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	KMT6B

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

Background

EZH1 is a component of a noncanonical Polycomb repressive complex-2 (PRC2) that mediates methylation of histone H3 (see MIM 602812) lys27 (H3K27) and functions in the maintenance of embryonic stem cell pluripotency and plasticity (Shen et al., 2008 [PubMed 19026780]). [supplied by OMIM, Mar 2009]

Recommended Dilution

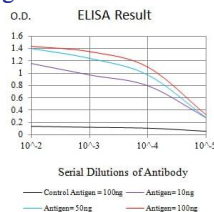
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

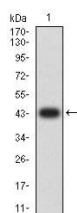
ELISA: 1:10000

Not yet tested in other applications.

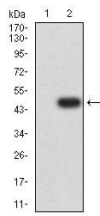
Images



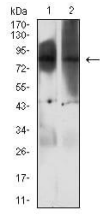
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



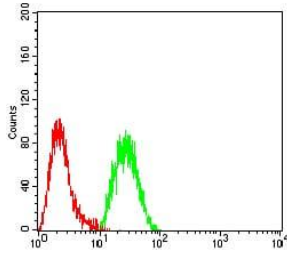
Western blot analysis using EZH1 mAb against human EZH1 (AA: 135-294) recombinant protein. (Expected MW is 44.1 kDa)



Western blot analysis using EZH1 mAb against HEK293 (1) and EZH1 (AA: 135-294)-hIgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using EZH1 mouse mAb against HepG2 (1) and HeLa (2) cell lysate.



Flow cytometric analysis of HeLa cells using EZH1 mouse mAb (green) and negative control (red).

Storage

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

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