

ZFP42 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2486
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human ZFP42 (AA: 249-310) expressed in E. Coli.
Mol wt	34.8kDa
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	REX1;ZNF754

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

Background

ZFP42 involved in the reprogramming of X-chromosome inactivation during the acquisition of pluripotency. Required for efficient elongation of TSIX, a non-coding RNA antisense to XIST. Binds DXPas34 enhancer within the TSIX promoter.

Recommended Dilution

WB: 1:500 - 1:2000

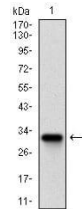
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

ELISA: 1:10000

Not yet tested in other applications.

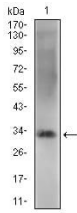
Images



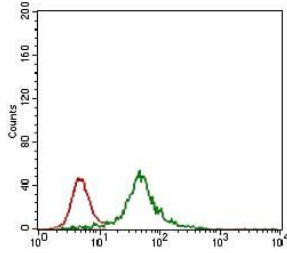
Western blot analysis using ZFP42 mAb against human ZFP42 recombinant protein. (Expected MW is 32.7 kDa)



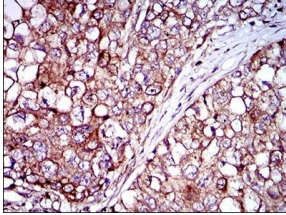
Western blot analysis using ZFP42 mAb against HEK293 (1) and ZFP42 (AA: 249-310)-hIgGFc transfected HEK293 (2) cell lysate.



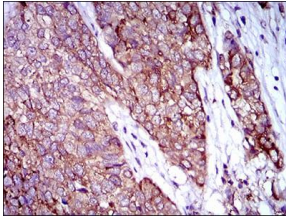
Western blot analysis using ZFP42 mouse mAb against NIH/3T3 cell lysate.



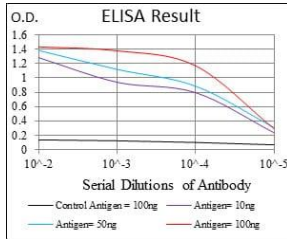
Flow cytometric analysis of HEK293 cells using ZFP42 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded lung cancer tissues using ZFP42 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using ZFP42 mouse mAb with DAB staining.



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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