BT LAB
Bioassay Technology Laboratory
Optimize Your Research

RUNX3 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3161
Host	Mouse
Isotype	Mouse IgG2b
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human RUNX3 (AA:186-252) expressed in E. Coli.
Mol wt	44.4kDa
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	IHC,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	AML2;CBFA3;PEBP2aC;FLJ34510;MGC16070

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

Background

This gene encodes a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

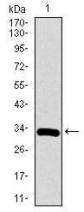
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

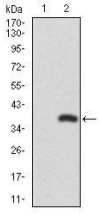
ELISA: 1:10000

Not yet tested in other applications.

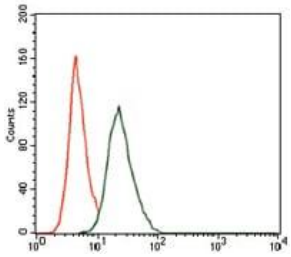
Images



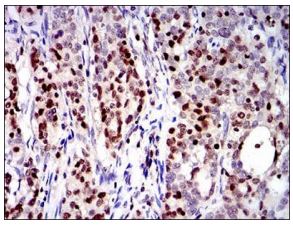
Western blot analysis using RUNX3 mAb against human RUNX3 recombinant protein. (Expected MW is 33 kDa)



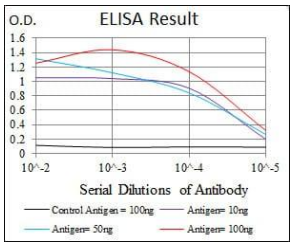
Western blot analysis using RUNX3 mAb against HEK293 (1) and RUNX3 (AA: 186-252)-hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of NIH3T3 cells using RUNX3 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using RUNX3 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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