

PMAIP1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4479
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human PMAIP1 (AA: 1-54) expressed in E. Coli.
Mol wt	6kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	APR;NOXA

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

Background

The protein encoded by this gene promotes activation of caspases and apoptosis, Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. Competes with BAK1 for binding to MCL1 and can displace BAK1 from its binding site on MCL1 (By similarity). Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1.

Recommended Dilution

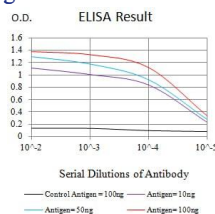
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

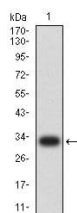
ELISA: 1:10000

Not yet tested in other applications.

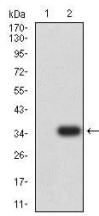
Images



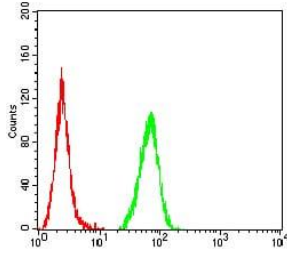
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using PMAIP1 mAb against human PMAIP1 (AA: 1-54) recombinant protein. (Expected MW is 32 kDa)



Western blot analysis using PMAIP1 mAb against HEK293 (1) and PMAIP1 (AA: 1-54)-hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HeLa cells using PMAIP1 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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