

PMAIP1 Rabbit pAb

Catalog No.: A9801 **5 Publications**

Basic Information

Observed MW

14kDa

Calculated MW

6kDa/14kDa

Category

Primary antibody

Applications

WB,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

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 Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
5366	Q13794

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-54 of human PMAIP1 (NP_066950.1).

Synonyms

PMAIP1;APR;NOXA

Contact

 | www.abclonal.com

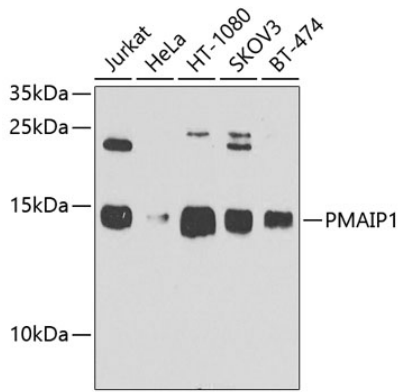
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using PMAIP1 antibody (A9801) at 1:1000 dilution.

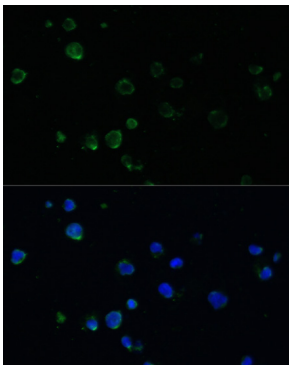
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

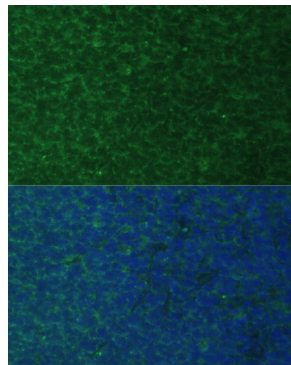
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

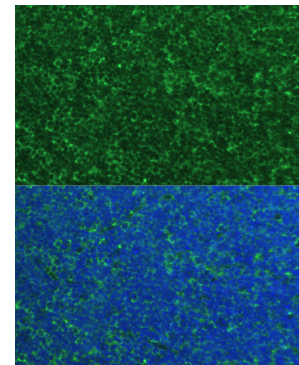
Exposure time: 90s.



Immunofluorescence analysis of Jurkat cells using PMAIP1 antibody (A9801) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat thymus cells using PMAIP1 antibody (A9801) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse thymus cells using PMAIP1 antibody (A9801) at dilution of 1:100. Blue: DAPI for nuclear staining.