

#T40054

Puma mAb

- 50 µl
- 100 µl
- 200 µl

DESCRIPTION

The p53 upregulated modulator of apoptosis (PUMA) also known as Bcl-2-binding component 3 (BBC3), is a pro-apoptotic protein, member of the Bcl-2 protein family. In humans, the Bcl-2-binding component 3 protein is encoded by the BBC3 gene. The expression of PUMA is regulated by the tumor suppressor p53. PUMA is involved in p53-dependent and -independent apoptosis induced by a variety of signals, and is regulated by transcription factors, not by post-translational modifications. After activation, PUMA interacts with antiapoptotic Bcl-2 family members, thus freeing Bax and/or Bak which are then able to signal apoptosis to the mitochondria.

SOURCE

This Abmart monoclonal antibody is produced by immunizing animals with a polypeptide (Abmart SEAL mAb technology) corresponding to Puma protein.

STORAGE

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze/thaw cycle.

ALIASES

JFY-1, p53 up-regulated modulator of apoptosis, PUMA

REACTIVITY

Human, Mouse ,Rat

ISOTYPE

Rabbit IgG

PREDICTED MOLECULAR WEIGHT

18 kDa

RECOMMEND ANTIBODY DILUTIONS

Western blotting	1:500-1:2000
IHC	1:50-1:200
ICC/IF	1:50-1:200
FC	1:50

***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

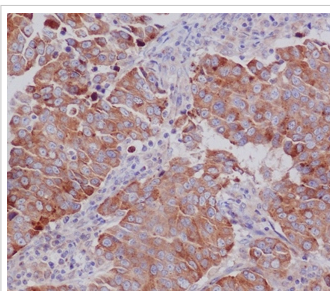


Orders ■ 400-6123-828

orders@ab-mart.com

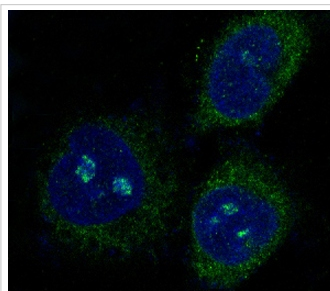
Web ■ www.ab-mart.com.cn

APPLICATION DATA



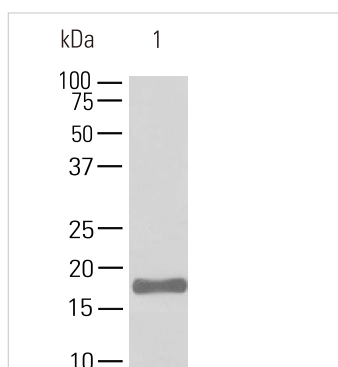
Immunohistochemistry-Anti-Puma mAb (#T40054)

Immunohistochemical analysis of paraffin-embedded human breast cancer, using Puma mAb.



Immunofluorescence-Anti-Puma mAb (#T40054)

Immunofluorescent analysis of HeLa cells, using Puma mAb.



Western blot-Anti-Puma mAb (#T40054)

All lanes : Puma mAb

Lane 1 : K562 cell lysate

Secondary

Goat Anti-Rabbit IgG-HRP, 5% skim milk conjugated at 1/10000 dilution

Predicted band size : 18 kDa

Observed band size : 18 kDa

Blocking/Dilution buffer : 1× PBS.

Applications Key: WB—Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, ChIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

rev.2017-1

For *in vitro* research use only and not intended for use in humans or animals.