

## BIK (M27) polyclonal antibody

Catalog: BS1034

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Bik/Nbk (Bcl-2-interacting killer/natural born killer) is a potent pro-apoptotic protein belonging to a group of Bcl-2 family members that includes Bad, Bid, Bim, Hrk, and Noxa, containing a BH3 domain but lacking other conserved domains, BH1 or BH2. Functionally, Bik is able to bind to and antagonize anti-apoptotic Bcl-2 family members including Bcl-2, Bcl-xL, and viral homologs E1B-19K and EBV-BHFR1. The BH3 domain of Bik is essential for its apoptotic activity and interaction with survival proteins. Phosphorylation of Bik is correlated with an increase in its pro-apoptotic activity.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 23 kDa

### Swiss-Prot:

Q13323

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

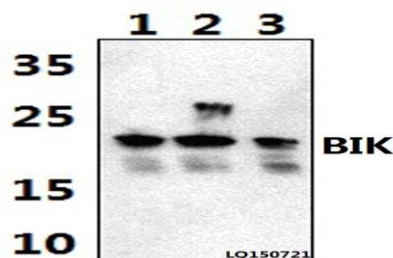
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

BIK (M27)pAb detects endogenous levels of BIK protein

### DATA:

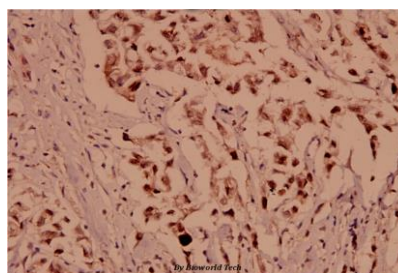


Western blot (WB) analysis of BIK (M27) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:H9C2 whole cell lysate(40ug)

Lane3:RAW264.7 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of BIK (M27) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

For research use only, not for use in diagnostic procedure.

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