

## IL-32 (K226) polyclonal antibody

Catalog: BS3676

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Interleukin-32 (IL-32), also designated Natural Killer (NK) cell transcript 4 (nk4), may play a role in inflammatory responses such as lymphocyte activation. IL-32 is secreted following stimulation with inflammatory cytokines such as IL-1 $\beta$  and IFN- $\gamma$ , and by NK cells after exposure to IL-12 and IL-18. It also induces production of IL-1 $\beta$ , TNF $\alpha$ , MIP-2 and IL-6. Expression of IL-32 increases after activation of T cells by mitogens or activation of NK cells by IL-2. The IL-32 protein contains three potential N-myristoylation sites, a tyrosine sulfation site, an RGD cell attachment sequence and multiple putative phosphorylation sites. Human IL-32 exists as four isoforms.

### Product:

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

### Molecular Weight:

~ 27 kDa

### Swiss-Prot:

P24001

### 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

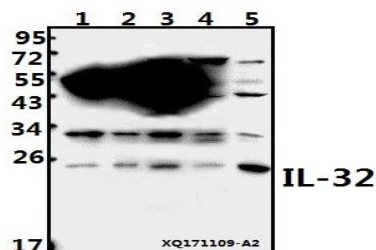
### Storage&Stability:

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

### Specificity:

IL-32 (K226) polyclonal antibody detects endogenous levels of IL-32 protein.

### DATA:



Western blot (WB) analysis of IL-32 (K226) pAb at 1:500 dilution

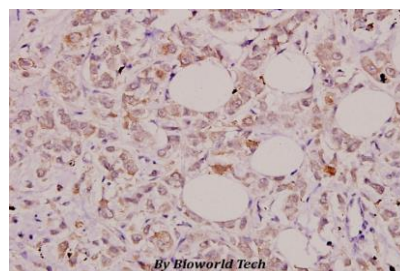
Lane1:HepG2 whole cell lysate(40ug)

Lane2:LO2 whole cell lysate(20ug)

Lane3:SGC7901 whole cell lysate(40ug)

Lane4:PMVEC whole cell lysate(40ug)

Lane5:AML-12 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of IL-32 (K226) 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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