

## IL-1 $\beta$ (F162) polyclonal antibody

Catalog: BS3506

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Two forms of interleukin-1, designated IL-1 $\alpha$  and IL-1 $\beta$ , have been described. Although encoded by distinct genes and exhibiting roughly only 25% sequence identity, IL-1 $\alpha$  and IL-1 $\beta$  bind to the same receptor and seem to elicit similar biological responses. IL-1 production is generally thought to be associated with inflammation, but it has also been shown to be expressed during kidney development, thymocyte differentiation and cartilage degradation. IL-1 plays a critical role in the regulation of immune response and inflammation, acting as an activator of T and B lymphocytes and natural killer (NK) cells.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 30 kDa

### Swiss-Prot:

P01584

### 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

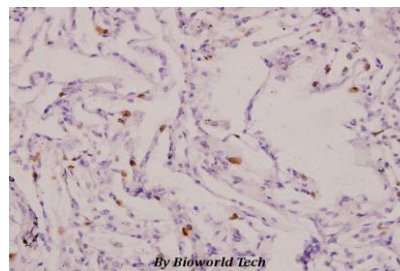
### Storage&Stability:

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

### Specificity:

IL-1 $\beta$  (F162) polyclonal antibody detects endogenous levels of IL-1 $\beta$  protein.

### DATA:



Immunohistochemistry (IHC) analyzes of IL-1 $\beta$  (F162) pAb in paraffin-embedded human lung carcinoma tissue at 1:100.

### Note:

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

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