

IL-1 β polyclonal antibody

Catalog: BS6067

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Two forms of interleukin-1, designated IL-1 α and IL-1 β , have been described. Although encoded by distinct genes and exhibiting roughly only 25% sequence identity, IL-1 α and IL-1 β 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:

~ 31, 17 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 1:100 - 1:200

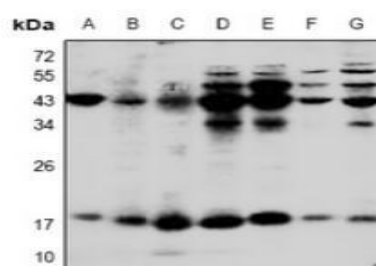
Storage&Stability:

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

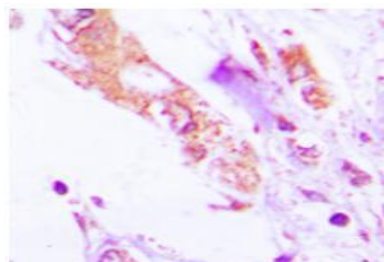
Specificity:

IL-1 β polyclonal antibody detects endogenous levels of IL-1 β protein.

DATA:



Western blot analysis of IL-1 beta expression in Raw264.7 (A), mouse spleen (B), rat spleen (C), rat thymus (D), mouse thymus (E), Jurkat (F), THP1 (G) whole cell lysates.



Immunohistochemical analysis of IL-1 beta staining in human lung cancer formalin fixed paraffin embedded tissue section.

Note:

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

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