

IL-1 beta polyclonal antibody

Catalog: BS67482

Host: Rabbit

Reactivity: Human, Mouse, Monkey

BackGround:

Interleukin-1 β (IL-1 β), one of the major caspase-1 targets, is a multifunctional cytokine that is involved in a host of immune and proinflammatory responses. It is produced primarily by activated monocytes and macrophages. It signals through various adaptor proteins and kinases that lead to activation of numerous downstream targets. Human IL-1 β is synthesized as a 31 kDa precursor. To gain activity, the precursor must be cleaved by caspase-1 between Asp116 and Ala117 to yield a 17 kDa mature form. Detection of the 17 kDa mature form of IL-1 β is a good indicator of caspase-1 activity.

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 38 kDa

Swiss-Prot:

P01584

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

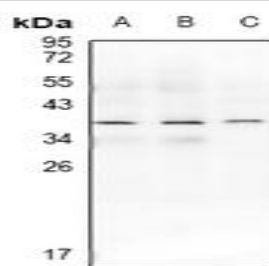
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of IL-1 beta protein.

DATA:



Western blot analysis of IL-1 beta expression in Jurkat (A), Myla2059 (B), Raw264.7 (C) whole cell lysates.

Note:

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

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