Basic Information

Catalog Number: 16806-1-AP

Size: 29 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification

Immunogen Catalog Number: AG10295

GenBank Accession Number: BC008678
GeneID (NCBI): 3553

Recommended Dilutions: WB 1:500-1:2000

Applications

Tested Applications: WB, ELISA
Cited Applications: IF, IHC, WB
Species Specificity: human
Cited Species: human, zebrafish

Interleukin-1, produced mainly by blood monocytes, mediates the panoply of host reactions collectively known as acute phase response. It is identical to endogenous pyrogen. The multiple biologic activities that define IL-1 are properties of a 15- to 18-kD protein that is derived from a 30- to 35-kD precursor. Interleukin 1β (IL-1β) is a member of the interleukin 1 cytokine family. It is a pro-inflammatory cytokine against infection, playing an important role in the pathogenesis of cancers. It signals through various adaptor proteins and kinases that lead to activation of numerous downstream targets. The expression level of IL-1β is very low.

Notable Publications

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<td>Zhen Liu</td>
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Storage

Store at -20°C. Stable for one year after shipment.

Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Various lysates were subjected to SDS-PAGE followed by western blot with 16805-1-AP (IL-1 beta antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.