

Datasheet for ABIN1493418  
**anti-IL-1 beta antibody (AA 249-269)**



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2 Images

## Overview

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Quantity:            | 100 µg                                            |
| Target:              | IL-1 beta (IL1B)                                  |
| Binding Specificity: | AA 249-269                                        |
| Reactivity:          | Human                                             |
| Host:                | Rabbit                                            |
| Clonality:           | Polyclonal                                        |
| Conjugate:           | This IL-1 beta antibody is un-conjugated          |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

|               |                                                                                                                                                                                          |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Synthetic peptide corresponding to a sequence at the C-terminal of human IL1B (249-269 aa), identical to the related mouse and rat sequence.<br><br>Type of Immunogen: Synthetic peptide |
| Specificity:  | Interleukin-1 beta (IL1B)                                                                                                                                                                |
| Purification: | Immunoaffinity purified                                                                                                                                                                  |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | IL-1 beta (IL1B)                       |
| Alternative Name: | IL1B ( <a href="#">IL1B Products</a> ) |
| Background:       | Name/Gene ID: IL1B                     |

## Target Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Family: IL-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|           | Synonyms: IL1B, IL-1B, IL-1 beta, IL1-BETA, Preinterleukin 1 beta, Pro-interleukin-1-beta, Catabolin, IL-1, IL1F2, Interleukin 1, beta, Interleukin-1 beta                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene ID:  | 3553                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt:  | <a href="#">P01584</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Pathways: | <a href="#">NF-kappaB Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">TLR Signaling</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Autophagy</a> , <a href="#">Cancer Immune Checkpoints</a> , <a href="#">Inflammasome</a> |

## Application Details

|                    |                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: IHC, WB (1 µg/mL)                                                                                                          |
|                    | Usage: Tested in Western blot with recombinant mouse and human IL-1B. Not yet tested and shown to detect endogenous levels of IL-1B. |
| Comment:           | Target Species of Antibody: Human                                                                                                    |
| Restrictions:      | For Research Use only                                                                                                                |

## Handling

|                    |                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                             |
| Concentration:     | Lot specific                                                                                                                                       |
| Buffer:            | 5 mg BSA, 0.9 mg sodium chloride, 0.2 mg sodium phosphate, 0.05 mg Thimerosal, 0.05 mg sodium azide                                                |
| Preservative:      | Thimerosal (Merthiolate), Sodium azide                                                                                                             |
| Precaution of Use: | This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only. |
| Storage:           | 4 °C,-20 °C                                                                                                                                        |
| Storage Comment:   | Short term: 4°C<br>Long term: -20°C.                                                                                                               |

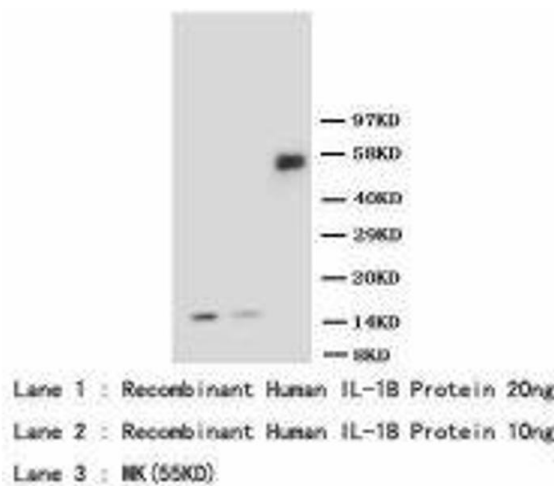


Image 1.

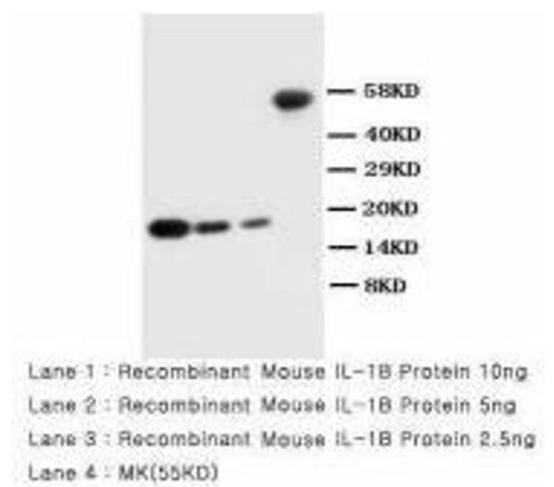


Image 2.