

## IL-18 Antibody

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| Cat. No.:         | HY-P80721  |
| Synonyms:         | IL-18 Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 22 kDa, targeting to IL-18. It can be used for WB,IHC-P assays with tag free, in the background of Human. |
| Host:             | Rabbit   |
| Reactivity:       | Human  |
| Conjugation:      | Non-conjugated   |
| SwissProt ID:     | Q14116   |
| Research Field:   | Immunology   |
| Molecular Weight: | Predicted band size: 22 kDa  |

### PROPERTIES

|                              |  |                |
|------------------------------|--|----------------|
| Formulation                  | Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide |                |
| Purity                       | affinity purified  |                |
| Storage & Stability          | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.   |                |
| Appearance                   | Liquid   |                |
| Application & Dilution Ratio | Application  | Dilution Ratio |
|                              | WB   | 1:500-1:1,000  |
|                              | IHC  | 1:50-1:100     |
| Shipping                     | Shipping with blue ice.  |                |

### DESCRIPTION

|            |   |
|------------|---|
| Background | <p>IL-18: The protein encoded by this gene is a proinflammatory cytokine of the IL-1 family that is constitutively found as a precursor within the cytoplasm of a variety of cells including macrophages and keratinocytes. The inactive IL-18 precursor is processed to its active form by caspase-1, and is capable of stimulating interferon gamma production, and of regulating both T helper (Th) 1 and Th2 responses. This cytokine has been implicated in the injury of different organs, and in potentially fatal conditions characterized by a cytokine storm. In humans, IL-18 gene is located on chromosome 11. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2020]</p> |
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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