

Recombinant

DGRmAb®

## IL-1 beta (DGR15299) Rabbit mAb (PBS Only)

db15096-PBS

Package : 10µg 100µg

**Product Name** : IL-1 beta (DGR15299) Rabbit mAb (PBS Only)**Cat.No.:** db15096-PBS**Synonyms** : IL-1; IL1F2; IL1-BETA ; IL-1β; IL1β**Application** : WB, ICC/IF, IP**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is produced by activated macrophages as a proprotein, which is proteolytically processed to its active form by caspase 1 (CASP1/ICE). This cytokine is an important mediator of the inflammatory response, and is involved in a variety of cellular activities, including cell proliferation, differentiation, and apoptosis. The induction of cyclooxygenase-2 (PTGS2/COX2) by this cytokine in the central nervous system (CNS) is found to contribute to inflammatory pain hypersensitivity. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. [provided by RefSeq, Jul 2008]

**Immunogen**

Recombinant protein of human IL1 beta

**Gene ID**

3553

**Swiss Prot**

P01584

**Synonyms**

IL-1; IL1F2; IL1-BETA ; IL-1β; IL1β

**Reactivity**

Human

**Application**

WB, ICC/IF, IP

**Calculated MW**

31 kDa

**Observed MW**

17,31 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR15299

**Isotype**

IgG

**Purity**

Affinity Purification

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<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.