

Recombinant

DGRmAb®

IL-1 beta (DGR15299) Rabbit mAb

db15096

Package : 10µL 20µL 50µL 100µL

Product Name : IL-1 beta (DGR15299) Rabbit mAb**Cat.No.:** db15096**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

Recommended dilutionWB: 1:1000
ICC/IF: 1:50
IP: 1:20-1:50**Calculated MW**

31 kDa

Observed MW

17,31 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR15299

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.