

Datasheet

IL1B monoclonal antibody, clone 11E5

Catalog Number: MAB3005

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against recombinant IL1B.

Clone Name: 11E5

Immunogen: Recombinant protein corresponding to human IL1B.

Host: Mouse

Reactivity: Human

Applications: IHC, S-ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Isotype: IgG2b

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (0.09% sodium azide)

Storage Instruction: Store at 4°C.

Entrez GeneID: 3553

Gene Symbol: IL1B

Gene Alias: IL-1, IL1-BETA, IL1F2

Gene Summary: 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]