

Cat. No:	MAB-94634
Conjugate:	Unconjugated
Size:	100 ug
Clone:	MI1
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from the Internal region of human IL1B. AA range:181-230
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:500 - 1:2000 Immunofluorescence: 1:50 - 1:200 Immunohistochemistry (paraffin-embedded tissues) 1:100-300
Molecular Weight:	17kDa
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Synonyms:	IL-1;IL1-BETA;IL1F2;IL1 beta;IL1B
Background:	<p>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.</p>
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

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