

anti- IL1 beta antibody

Product Information

Catalog No.:	FNab10305
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

Immunogen:	interleukin 1, beta
Synonyms:	IL1 beta, Catabolin, IL 1, IL 1 beta, IL1 BETA, IL1B, IL1beta, IL1F2, IL-1β, Interleukin 1 beta, interleukin 1, beta
Uniprot ID :	Q63264

Application

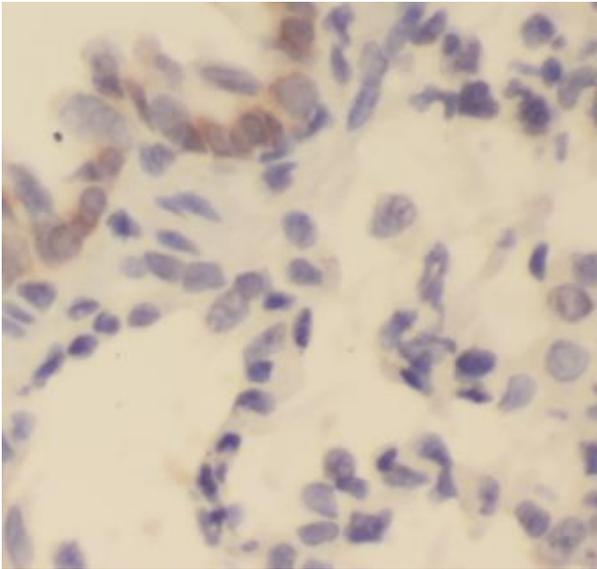
Reactivity:	Rat
Tested Application:	ELISA, IHC

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Recommended dilution:IHC: 1:50-1:200

Image:



Immunohistochemistry of paraffin-embedded rat lung using FNab10305(IL1 β antibody) at dilution of 1:100