

Il1b 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
Clone ID:	None
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.

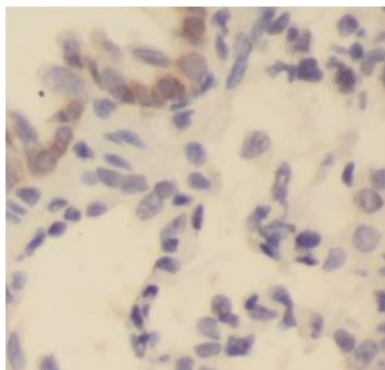
Immunogen information

Immunogen:	interleukin 1, beta
Synonyms:	Interleukin-1 beta (IL-1 beta) Il1b
Observed MW:	None
Uniprot ID :	Q63264

Application

Reactivity:	Rat
Tested Application:	ELISA, IHC
Recommended dilution:	IHC: 1:50-1:200

Image:



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