

anti- IL1 Beta antibody

Product Information

Catalog No.:	FNab04210
Size:	100µg
Form:	liquid
Purification:	Protein G purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	9G5
IsoType:	IgG1
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
Observed MW:	35kDa
Uniprot ID :	P01584

Application

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Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889

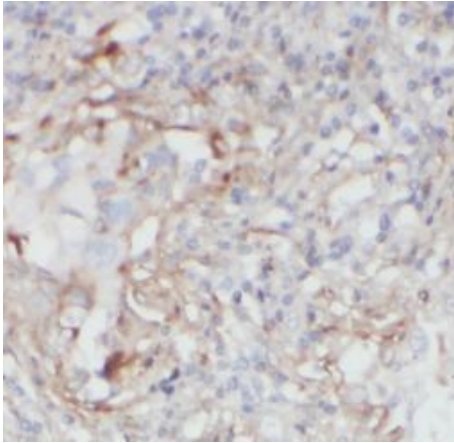
www.fn-test.com

Reactivity: Human

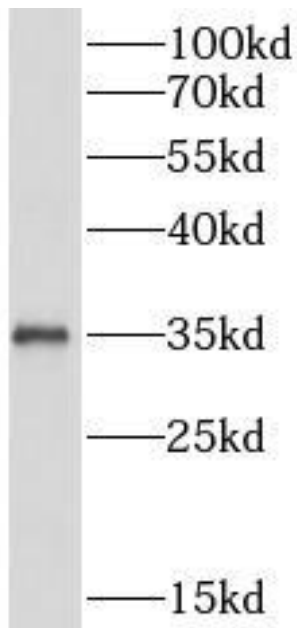
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:1000-1:4000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human lung cancer using FNab04210(IL1B antibody) at dilution of 1:200



A431 cells were subjected to SDS PAGE followed by western blot with FNab04210(IL1B Antibody) at dilution of 1:2000

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