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IL-1β Mouse mAb

货号: AYT1036

产品信息

反应	Human,Rat,Mouse
宿主	Mouse
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	**WB 1:1000-1:5000:** **IHC 1:200-1000:** **IF 1:100-500:**
理论分子量	31kD
实测分子量	35kD,31kD,19kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.135.
偶联物	Unconjugated
阳性对照	Active Recombinant Human IL-1 beta Protein
细胞定位	Secreted
纯化	亲和纯化

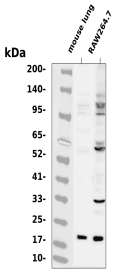
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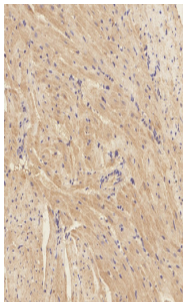
靶点信息

研究背景	interleukin 1 beta (IL1B) Homo sapiens 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 proteolytic ally 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 , diff erentiation , and apoptosis. The induction of cyclooxygenase-2 (PTGS2/COX2) by this cytokine in the cent ral nervous system (CNS) is found to contribute to inflammatory pain hypersensitivity. This gene and eigh t other interleukin 1 family genes form a cytokine gene cluster on chromosome 2
基因ID	3553;
基因名	IL1B IL1F2
Swiss	P01584 (https://www.uniprot.org/uniprotkb/P01584/entry)
别名	IL 1; IL 1 beta; IL-1 beta; IL1 BETA; IL1B; IL1B_HUMAN; IL1F2; Interleukin 1 beta; Interleukin-1 beta; OAF; OTTHUMP00000162031; Preinterleukin 1 beta; Pro interleukin 1 beta;

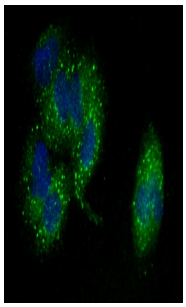
产品验证



Western blot analysis of extracts from mouse lung(LPS),RAW 264.7(LPS) cells using IL-1β at 1:1000.



Immunohistochemical analysis of paraffin-embedded Mouse-heart tissue.，IL-1β Mouse mAb



Immunofluorescence analysis of A549 cells labelling IL-1β with . The cells were fixed with cold 100% meth anol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room tem prature for 1h.

实验步骤

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