

bs-42553R**[Primary Antibody]****Bioss**
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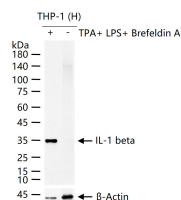
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IL-1 beta Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human
GeneID: 3553	SWISS: P01584	
Target: IL-1 beta		
Immunogen: Recombinant human IL-1 beta protein: 117-269/269.		Predicted MW.: 31 kDa
Purification: affinity purified by Protein A		Subcellular Location: Secreted
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. 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. [provided by RefSeq, Jul 2008].		

— VALIDATION IMAGES —

THP-1 (H) cells were treated with or without TPA (80nM) for 24 h, then treated with LPS (100ng/ml) for 6 h, then treated Brefeldin A (300ng/ml) for 3 h, 25 µg total protein per lane of cell lysates (see on figure) probed with IL-1 beta polyclonal antibody, unconjugated (bs-42553R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.