

bsm-55644M**[Primary Antibody]**

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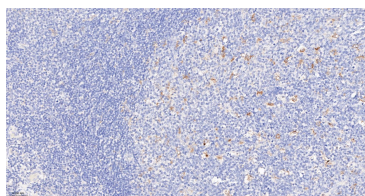
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

IL1B | IL-1 beta Mouse mAb**— DATASHEET —**

Host: Mouse	Isotype: IgG1, k	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human (predicted: Mouse, Rat) Predicted MW.: 32 kDa Subcellular Location: Secreted
Clonality: Monoclonal	CloneNo.: 2H12	
GeneID: 3553	SWISS: P01584	
Target: IL1B IL-1 beta		
Purification: affinity purified by Protein A		
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 —

Paraformaldehyde-fixed, paraffin embedded Human Chronic tonsillitis; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with IL1B | IL-1 beta Monoclonal Antibody, Unconjugated (bsm-55644M) at 1:300 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.