

**bsm-43079M****[ Primary Antibody ]****BioSS**  
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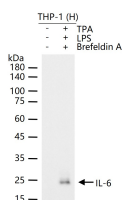
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**IL-6 Mouse mAb****— DATASHEET —**

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| <b>Host:</b> Mouse<br><b>Clonality:</b> Monoclonal<br><b>GeneID:</b> 3569<br><b>Target:</b> IL-6<br><b>Immunogen:</b> Recombinant human IL-6 protein: 30-212/212.<br><b>Purification:</b> affinity purified by Protein A<br><b>Concentration:</b> 1mg/ml<br><b>Storage:</b> Size : 50ul/100ul/200ul<br>0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Size : 200ug (PBS only)<br>0.01M PBS<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.<br><b>Background:</b> This gene encodes a cytokine that functions in inflammation and the maturation of B cells. In addition, the encoded protein has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. [provided by RefSeq, Jun 2011]. | <b>Isotype:</b> IgG<br><b>CloneNo.:</b> 2B5<br><b>Applications:</b> WB (1:500-2000)<br><b>Reactivity:</b> Human<br><br><b>Predicted MW.:</b> 23 kDa<br><b>Subcellular Location:</b> Secreted ,Cytoplasm |
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**— VALIDATION IMAGES —**

THP-1 (H) cells were treated with or without TPA (80 nM) and LPS (100 ng/ml, 6h) and Brefeldin A (300 ng/ml, 3h), 25 µg total protein per lane of cell lysates (see on figure) probed with IL-6 monoclonal antibody, unconjugated (bsm-43079M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

**— SELECTED CITATIONS —**

- **[IF=5.6]** Wenhui Huang, et al. GBP2 upregulated in LPS-stimulated macrophages-derived exosomes accelerates septic lung injury by activating epithelial cell NLRP3 signaling. INT IMMUNOPHARMACOL. 2023 Nov;124:111017 IHC ;Mouse. 37812968
- **[IF=5.2]** Lemiao Zhong, et al. Mycoplasma synoviae induce spleen tissue damage and inflammatory response of chicken through oxidative stress and apoptosis. VIRULENCE. 2023 Nov 16 WB ;Chicken. 37963095