

bsm-10807M**[Primary Antibody]****Human IL-6 Mouse mAb****BioSS**
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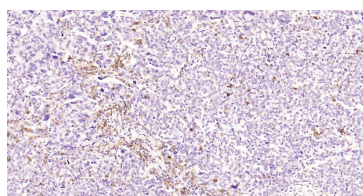
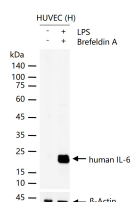
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— DATASHEET —

Host: Mouse Clonality: Monoclonal GeneID: 3569 Target: Human IL-6 Immunogen: Recombinant human IL-6 protein: 30-212/212aa (C-6x His-Tag). Purification: affinity purified by Protein G Concentration: 1mg/ml Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: 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].	Isotype: IgG CloneNo.: 1C4 Applications: WB (1:1000-10000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human Predicted MW.: 23 kDa Subcellular Location: Secreted ,Cytoplasm
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— VALIDATION IMAGES —

HUVEC (H) cells were treated with or without LPS (0.5 µg/ml, 24h) and Brefeldin A (300 ng/ml, 20h), 25 µg total protein per lane of cell lysates (see on figure) probed with human IL-6 monoclonal antibody, unconjugated (bsm-10807M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

Paraformaldehyde-fixed, paraffin embedded Human Ovarian Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with human IL-6 Monoclonal Antibody, Unconjugated (bsm-10807M) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=10.7]** Xinchun Du. et al. A self-elastic chitosan sponge reinforced with lauric acid-modified quaternized chitosan and attapulgit to treat noncompressible hemorrhage and facilitate wound healing. CARBOHYD POLYM. 2024 Dec;:123121 IF ;Rat. 39779028
- **[IF=5.1]** Yangyang Tian. et al. Fecal microbiota transplantation promotes hair growth through gut microbiome and metabolic regulation. LIFE SCI. 2025 Jul;:123887 IHC ;Mouse. 40749821

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.