

**bs-0782R****[ Primary Antibody ]****BioSS**  
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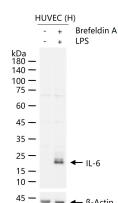
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**IL-6 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>ELISA</b> (1:5000-10000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human
<b>GeneID:</b> 16193	<b>SWISS:</b> P08505	
<b>Target:</b> IL-6		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from mouse IL-6: 111-150/211.		<b>Predicted MW.:</b> 23 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Secreted ,Cytoplasm
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<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].		

**— 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 IL-6 polyclonal antibody, unconjugated (bs-0782R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

**— SELECTED CITATIONS —**

- **[IF=24.897]** Yuan, Xulei. et al. Systemic antibiotics increase microbiota pathogenicity and oral bone loss. INT J ORAL SCI. 2023 Jan;15(1):1-14 IHC ;Mouse. 36631439
- **[IF=17.521]** Huan Lei. et al. A Combination Therapy Using Electrical Stimulation and Adaptive, Conductive Hydrogels Loaded with Self-Assembled Nanogels Incorporating Short Interfering RNA Promotes the Repair of Diabetic Chronic Wounds. Advanced Science. 2022 Sep;;2201425 IF ;Rat. 36064844
- **[IF=16.744]** Lubin Zhou. et al. A self-pumping dressing with in situ modification of non-woven fabric for promoting diabetic wound healing. CHEM ENG J. 2022 Dec;;141108 IHC ;Rat. 10.1016/j.cej.2022.141108

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

- **[IF=16.907]** Yunxiang Sun. et al. Spontaneous formation of  $\beta$ -sheet nano-barrels during the early aggregation of Alzheimer's amyloid beta. Nano Today. 2021 Jun;38:101125 WB ;MOUSE. 10.1016/j.nantod.2021.101125
- **[IF=15.8]** Weikang Luo. et al. Small Molecule Hydrogels Loading Small Molecule Drugs from Chinese Medicine for the Enhanced Treatment of Traumatic Brain Injury. ACS NANO. 2024;XXX(XXX):XXX-XXX IF ;MOUSE. 39383335