



## Rabbit polyclonal antibody to rat Interleukin 6 (195-211): Affinity purified

<b>Catalogue No.:</b>	R-1487-100
<b>Description:</b>	IL-6 is a cytokine with many biological functions. Some of its roles include the final differentiation of B-cells into Ig-secreting cells, induction of melanoma and plasmacytoma growth, induction of nerve cell differentiation, and in hepatocytes, induction of acute phase reactants. IL-6 is secreted and is N- and O-glycosylated post translationally.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide corresponding to a region (195-211 aa) from rat Interleukin 6 (IL-6).
<b>Antigen Location:</b>	195-211
<b>Other Names:</b>	IL-6; Interleukin-6; B-cell stimulatory factor 2; BSF-2; CTL differentiation factor; CDF; Hybridoma growth factor; Interferon beta-2; IFN-beta-2; IL6; IFNB2;
<b>Accession:</b>	P20607 IL6_RAT;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Rat Interleukin 6 (precursor) has a predicted length of 211 amino acids and MW of 24 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Cross-reactivity:</b>	Rat; mouse;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg Na <sub>3</sub>
<b>Appearance:</b>	White powder
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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