



Rat Interleukin 6 (DAG284)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat Interleukin-6 (IL-6), Recombinant. Recombinant Rat IL-6 is a single, non-glycosylated polypeptide chain containing 187 amino acids and having a molecular weight of 21,732 Da. The sequence of the first five N-terminal amino acids was determined to be Met-P
Antigen Description	Cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. Plays an essential role in the final differentiation of B-cells into Ig-secreting cells. Involved in lymphocyte and monocyte differentiation. It induces
Species	Rat
Conjugate	Unconjugated
Applications	The ED ₅₀ as determined by dose-dependent stimulation of murine 7TD1 cells is and is 0.01 ng/ml, corresponding to a specific activity of 1 x 10 ⁸ IU/mg. Each laboratory should determine an optimum working titer for use in its particular application. Other appli
Format	Purified, Lyophilized. Reconstitute using 100mM acetic acid to a concentration of 1 mg/ml. Further dilutions can be made in other aqueous buffers.
Concentration	1 mg/ml (OD _{280nm} , E _{0.1%} = 0.55) (prior to lyophilization)
Buffer	Not applicable
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	This is an antibody fragment consisting of a single monomeric variable antibody domain directed to IL6. Nanobody, with a molecular weight of only 12–15 kDa, is able to bind
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selectively to a specific antigen like a whole antibody.

Keywords

IL6; interleukin 6 (interferon, beta 2); IFNB2; interleukin-6; BSF2; HGF; HSF; IL 6; CDF; BSF-2; IFN-beta-2; interferon beta-2; interleukin BSF-2; hybridoma growth factor; CTL differentiation factor; B-cell stimulatory factor 2; B-cell differentiation fac
