

产品概述

产品名 (Product Name)	Anti IL6 Polyclonal Antibody
货号 (Catalog No.)	ATPA10083Rb
种类 (Category)	Primary antibody
宿主 (Host)	Rabbit
反应种属 (Species specificity)	Mus musculus (Mouse)
应用实验 (Tested applications)	ELISA
克隆性 (Clonality)	Polyclonal
克隆编号 (Clone No.)	/
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Recombinant protein of mouse IL6
别名	IL6 ,IFNB2
Uniprot ID	P08505

产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	Supplied as solution form in PBS,pH7.4,containing 0.02% NaN ₃ ,50% glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	0.5mg/ml
亚型 (Isotype)	IgG
分子量 (MW)	24kDa
纯化方式 (Purity)	Antigen-specific affinity chromatography

应用

ELISA:1:1000-1:4000

产品背景

Interleukin-6 (IL-6) is an interleukin that acts as both a pro-inflammatory and anti-inflammatory cytokine. IL-6 protein is secreted by a variety of cell types including T cells and macrophages as phosphorylated and variably glycosylated molecule. IL-6 plays an essential role in the final differentiation of B-cells into Ig-secreting cells involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation acts on B-cells, T-cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. IL-6 is also considered a myokine, a cytokine produced from muscle, and is elevated in response to muscle contraction. IL-6 has been shown to interact with interleukin-6 receptor and glycoprotein 130. Additionally, IL-6 is involved in hematopoiesis, bone metabolism, and cancer progression, and has been defined an essential role in directing transition from innate to acquired immunity.