

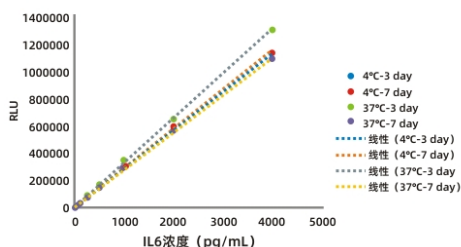
产品概述

产品名 (Product Name)	Anti IL6 mouse monoclonal antibody (35D11)
货号 (Catalog No.)	ATMA10092Mo
种类 (Category)	Primary antibody
宿主 (Host)	Mouse
反应种属 (Species specificity)	Homo sapiens (Human)
克隆性 (Clonality)	Monoclonal
克隆编号 (Clone No.)	35D11
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Recombinant protein of human interleukin-6
别名	IL6,IFNB2
Uniprot ID	P05231
Note	For research use only .

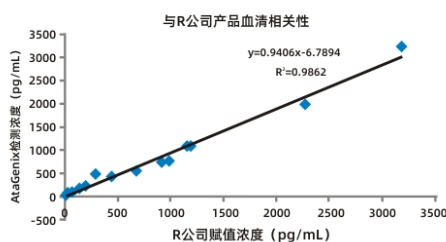
产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	PBS, pH7.4
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)	2.59mg/ml
亚型 (Isotype)	IgG1
分子量 (MW)	24kDa
纯化方式 (Purity)	Protein G purified from mice ascites

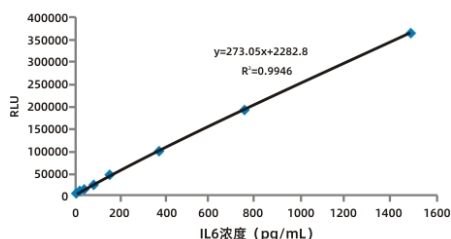
产品实验图片



普健IL6抗体在37°C保存3天/7天和4°C保存3天/7天-RLU对比工作液分别放置于4°C和37°C 3天和7天之后，上机测试，结果如图。



将某国外知名体外诊断公司赋值IL-6血清阳性样本使用普健生物的系统进行检测，比较两者所测结果，相关性 $R^2=0.9862$ 。



在化学发光平台通过使用国际标准品进行筛选，最终得到1对抗体能良好的识别国际标准品和血清样本，灵敏度1pg/mL, $R^2=0.9946$ 。

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.