

## 产品概述

产品名 ( Product Name )	Anti IL6 mouse monoclonal antibody
货号 ( Catalog No. )	ATMA10130Mo
种类 ( Category )	Primary antibody
宿主 ( Host )	Mouse
反应种属 ( Species specificity )	Mus musculus (Mouse)
克隆性 ( Clonality )	Monoclonal
克隆编号 ( Clone No. )	15-E1-H2
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 <sub>3</sub> , 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 )	IgG1
分子量 ( MW )	24kDa
纯化方式 ( Purity )	Protein G purified from mice ascites

## 应用

ELISA

## 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.