

产品概述

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| 产品名 (Product Name) | Anti IL6 mouse monoclonal antibody |
| 货号 (Catalog No.) | ATMA10132Mo |
| 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.) | 10-H1-F12 |
| 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

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| 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) | 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.