

小鼠抗 STAT3 单克隆抗体

- 中文名称： 小鼠抗 STAT3 单克隆抗体
- 英文名称： Anti-STAT3 mouse monoclonal antibody
- 别名： signal transducer and activator of transcription 3; APRF; HIES; ADMIO; ADMIO1
- 相关类别： 一抗
- 储存： 冷冻（-20℃）
- 宿主： Mouse
- 抗原： STAT3
- 反应种属： Human, Mouse, Rat, Monkey, Hamster
- 标记物： Unconjugate
- 克隆类型： Mouse Monoclonal

技术规格

Background:

The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is activated through phosphorylation in response to various cytokines and growth factors including IFNs, EGF, IL5, IL6, HGF, LIF and BMP2. This protein mediates the expression of a variety of genes in response to cell stimuli, and thus plays a key role in many cellular processes such as cell growth and apoptosis. The small GTPase Rac1 has been shown to bind and regulate the activity of this protein. PIAS3 protein is a specific inhibitor

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| | or of this protein. Mutations in this gene are associated with infantile-onset multisystem autoimmune disease and hyper-immunoglobulin E syndrome. Alternative splicing results in multiple transcript variants encoding distinct isoforms. |
| Applications: | WB |
| Name of antibody: | STAT3 |
| Immunogen: | Fusion protein of human STAT3 |
| Full name: | signal transducer and activator of transcription 3 |
| Synonyms: | APRF; HIES; ADMIO; ADMIO1 |
| SwissProt: | P40763 |
| WB Predicted band size: | 88 kDa |
| WB Positive control: | CHO-K1, MCF7, A549, C6, 3T3, K562 and Hela cell lysates |
| WB Recommended dilution: | 1000-5000 |

