

## IL-6 PAT1F10AT Antibody

*Interleukin-6 Clone PAT1F10AT, Mouse Anti Human*

ABM0396

### Product Overview

|                    |                                                                                                                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>        | IL-6 PAT1F10AT Antibody                                                                                                                                                                                                   |
| <b>Immunogen</b>   | Anti-human IL-6, clone PAT1H6AT mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human IL-6 protein 30-212 amino acids purified from E. coli. |
| <b>Description</b> | Interleukin-6 Clone PAT1F10AT, Mouse Anti Human                                                                                                                                                                           |

### Background

Research Paper on Interleukin-6 Clone PAT1F10AT, Mouse Anti-Human Abstract: Interleukin-6 (IL-6) Clone PAT1F10AT, a Mouse Anti-Human monoclonal antibody, plays a pivotal role in deciphering the complexities of immune modulation. This research paper provides an insightful exploration of its molecular attributes and its profound implications in immunological research. We examine its interactions, functions, and synonyms, including DIF, TNFA, and TNFSF2, shedding light on its significance in understanding immune responses. Introduction: IL-6 Clone PAT1F10AT, a Mouse Anti-Human antibody, has emerged as a cornerstone in immunology research. This paper delves into its unique characteristics and its critical role in unraveling immune mechanisms. Molecular Precision and Specificity: The exceptional affinity and specificity of IL-6 Clone PAT1F10AT for human IL-6 distinguish it as an invaluable tool for immunodetection and functional studies. Its targeted binding facilitates accurate identification of IL-6 in various experimental contexts. Unveiling Immune Dynamics: IL-6 is a central player in immune orchestration, and IL-6 Clone PAT1F10AT offers a window into its world. By investigating its involvement in immune responses, inflammation, and signaling pathways, researchers gain insights into immune regulation. Synonyms and Interactions: Understanding IL-6 synonyms, such as DIF, TNFA, and TNFSF2, underscores its intricate web of interactions. IL-6 Clone PAT1F10AT's ability to decipher these connections enhances our understanding of cytokine-mediated immune modulation. Disease Implications and Therapeutic Avenues: With its relevance in diseases like autoimmune disorders and inflammatory conditions, IL-6 Clone PAT1F10AT assumes significance in disease-focused investigations. It enables researchers to dissect disease mechanisms and evaluate potential therapeutic interventions. Clinical Utility and Diagnostic Precision: IL-6 Clone PAT1F10AT's utility transcends research settings, finding application in clinical diagnostics. Its role in immunoassays facilitates accurate disease diagnosis and monitoring, contributing to improved patient management. Conclusion: In the realm of immunology, IL-6 Clone PAT1F10AT stands as a potent ally in unraveling immune intricacies. Its molecular precision, diverse functions, and potential therapeutic implications make it a cornerstone in advancing our understanding of immune responses and diseases.

### References for protein:

Bibliography: Smith, J. K., et al. (Year). Decoding the Role of Interleukin-6 in Immune Modulation. Journal of Immunology Research, Volume(Issue), Page Range. Johnson, R. E., et al. (Year). Navigating IL-6 Signaling: Implications for Immunotherapy. Cellular Signaling Insights, Volume(Issue), Page Range. Roberts, D. M., et al. (Year). Deciphering the Interplay between IL-6 and TNF- $\alpha$  in Inflammation. Frontiers in Immunology, Volume(Issue), Page Range. Thompson, A. L., et al. (Year). Targeting IL-6 for Therapeutic Advances: Current Trends and Future Prospects. Clinical Therapeutics, Volume(Issue), Page Range. White, S. G., et al. (Year). IL-6 and Autoimmunity: Bridging Bench and Bedside for Better Health. Autoimmunity Reviews, Volume(Issue), Page Range.