

C3b Inactivated Mouse

Complement C3b Inactivated Mouse

RCP0285

Product Overview

Name

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Description

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Background

Complement component 3b (C3b) is a key protein in the complement system, a crucial component of the innate immune response. C3b plays a pivotal role in opsonization, inflammation, and clearance of pathogens and damaged cells. In mouse models, research on C3b has provided valuable insights into its mechanism of action, activity, and implications in immune function. This paper aims to delve into the dynamics of mouse C3b, shedding light on its functional attributes and potential applications in immunological research. C3b Inactivated protein has lost its biological capabilities due to structural changes compared to C3b that has binding sites to factor P, factor H, factor B, factor C5, and factor-I and therefore it destroys these sites. Significantly, C3b inactivated protein cannot bind factor B and is therefore it cannot participate in complement activation. C3b inactivated protein still binds tC50 properdin and CR3 receptor.