

## Datasheet for ABIN2192171 **anti-Complement C4 antibody**

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### Overview

|              |                                              |
|--------------|----------------------------------------------|
| Quantity:    | 100 µg                                       |
| Target:      | Complement C4 (C4)                           |
| Reactivity:  | Rat                                          |
| Host:        | Rabbit                                       |
| Clonality:   | Polyclonal                                   |
| Conjugate:   | This Complement C4 antibody is un-conjugated |
| Application: | Immunoprecipitation (IP), Immunoassay (IA)   |

### Product Details

|            |                 |
|------------|-----------------|
| Sterility: | 0.2 µm filtered |
|------------|-----------------|

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Complement C4 (C4)                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alternative Name: | c4 ( <a href="#">C4 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                    |
| Background:       | The polyclonal antibody reacts with Rat C4. Rat complement factor C4, formerly known as Gg protein, consists of an alpha-, beta-, and gamma-chain. The classical pathway of complement and the Mannose binding lectin activation pathway converge at C4. C1s, MASP-1 and MASP-2 cleave C4 resulting in the formation of C4a and C4b. The latter can be cleaved to result in C4c and C4d, in which step all functional sites are lost. |
| Pathways:         | <a href="#">Complement System</a>                                                                                                                                                                                                                                                                                                                                                                                                     |

## Application Details

|                    |                                                                                                                                                                                                                                                  |
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| Application Notes: | For immuno precipitation and immuno assays, the dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50. |
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|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Buffer:            | PBS, containing 0.1 % bovine serum albumin and 0.02 % sodium azide.                                                    |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C                                                                                                                   |
| Storage Comment:   | Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.                |
| Expiry Date:       | 12 months                                                                                                              |