

## Product datasheet

### Anti-C5a-R antibody [10/92] ab117579

[4 References](#) [1 Image](#)

#### Overview

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|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-C5a-R antibody [10/92]   |
| <b>Description</b>         | Rat monoclonal [10/92] to C5a-R   |
| <b>Host species</b>        | Rat   |
| <b>Tested applications</b> | <b>Suitable for:</b> IHC-P  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse   |
| <b>Immunogen</b>           | Tissue, cells or virus corresponding to Mouse C5a-R. RBL-2H3 transfected cells  |
| <b>Positive control</b>    | Mouse Kidney tissue.  |
| <b>General notes</b>       | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

#### Properties

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|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| <b>Storage buffer</b>       | pH: 7.40<br>Preservative: 0.09% Sodium azide<br>Constituent: 99% PBS                  |
| <b>Purity</b>               | Protein G purified  |
| <b>Clonality</b>            | Monoclonal  |
| <b>Clone number</b>         | 10/92   |
| <b>Isotype</b>              | IgG2a   |

#### Applications

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The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab117579 in the following tested applications.

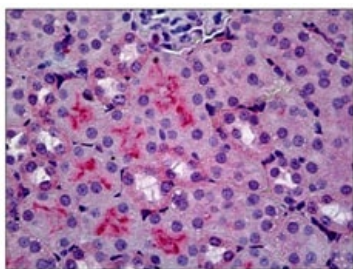
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes                            |
|-------------|-----------|----------------------------------|
| IHC-P       |           | Use a concentration of 10 µg/ml. |

## Target

|   |  |
|---|--|
| <b>Function</b>                         | Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.  |
| <b>Sequence similarities</b>            | Belongs to the G-protein coupled receptor 1 family.  |
| <b>Post-translational modifications</b> | Sulfation plays a critical role in the association of the receptor with C5a, but no significant role in the ability of the receptor to transduce a signal and mobilize calcium in response to a small peptide agonist. |
| <b>Cellular localization</b>            | Cell membrane.   |

## Images



Immunohistochemical analysis of C5a-R expression in Formalin-Fixed, Paraffin-Embedded Mouse Kidney tissue using 10 µg/ml ab117579.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C5a-R antibody [10/92] (ab117579)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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