

Product datasheet

Anti-C5a-R antibody [P12/1] ab24036

1 References

Overview

<b>Product name</b>	Anti-C5a-R antibody [P12/1]
<b>Description</b>	Mouse monoclonal [P12/1] to C5a-R
<b>Host species</b>	Mouse
<b>Specificity</b>	No P12/1 signal after pre-incubation of HMC-1 cells with C5a, meaning that P12/1 does not displace C5a.
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human C5a-R aa 1-31 (N terminal). Sequence: MNSFNYYTPDYGHYDDKDTLDLNTPVDKTSN <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

General notes

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.

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&As

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	pH: 7.3 Preservative: 0.09% Sodium azide Constituent: PBS
<b>Purity</b>	Affinity purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	P12/1
<b>Isotype</b>	IgG2a

## Target

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<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.

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

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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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