

Product datasheet

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

1 References

Overview

Product name	Anti-C5a-R antibody [P12/1]
Description	Mouse monoclonal [P12/1] to C5a-R
Host species	Mouse
Specificity	No P12/1 signal after pre-incubation of HMC-1 cells with C5a, meaning that P12/1 does not displace C5a.
Tested applications	Suitable for: Flow Cyt, WB, IHC-P, IHC-Fr
Species reactivity	Reacts with: Human, Rhesus monkey
Immunogen	Synthetic peptide corresponding to Human C5a-R aa 1-31 (N terminal). Sequence: MNSFNYTTPDYGHYDDKDTLNLNTPVDKTSN

 [Run BLAST with](#)

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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

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

Isotype

IgG2a

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab24036 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
Flow Cyt		Use a concentration of 1 mg/ml.
WB		Use a concentration of 1 mg/ml. Predicted molecular weight: 39 kDa.
IHC-P		Use a concentration of 1 mg/ml.
IHC-Fr		Use a concentration of 1 mg/ml.

Target

Function

Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.

Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

Post-translational modifications

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.

Cellular localization

Cell membrane.

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

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