

Product datasheet

PE Anti-C5a-R antibody [20/70] ab53434

2 References

Overview

Product name	PE Anti-C5a-R antibody [20/70]
Description	PE Rat monoclonal [20/70] to C5a-R
Host species	Rat
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	Blocks the binding of the C5a to murine C5a-R
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Mouse C5a-R. RBL-2H3 transfected cells expressing murine C5aR.

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	Lyophilized:Reconstitute with 1 ml distilled water.
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.40 Preservative: 0.09% Sodium azide Constituents: 1% BSA, PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	20/70
Myeloma	x63-Ag8.653
Isotype	IgG2b

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab53434 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 at an assay dependent concentration. Use 10ul of this concentration to label 10 ⁶ cells in 100ul ab136585 - Rat monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

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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