

Anti-Human C3aR Polyclonal Antibody

CATALOG #: 5543-100

AMOUNT: 100 µg

LOT #: _____

IMMUNOGEN: *E. coli* expressed human C3aR (a.a. 161-332)

FORMULATION:

100 µg (0.5 mg/ml) purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 1% BSA, and 0.02% thimerosal.

SPECIES REACTIVITY: human

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

C3a is an anaphylatoxin generated through activation of the complement C3. C3a is a potent chemoattractant for phagocytes, and it stimulates chemotaxis and other leukocyte functions. C3a binds to eosinophils, basophils, neutrophils, and differentiated U937 cells, that all express receptors for C3a on their cell surface. The C3a receptor has been cloned and shown to be a G protein-coupled receptor with seven putative transmembrane domains. This receptor is characterized for its large extracellular loop between the fourth and fifth transmembrane domains. The loop can be readily detected using the rabbit anti-C3a receptor antibody.

SPECIFICITY:

The antibody recognizes human C3aR. Other species have not been tested.

APPLICATION:

The antibody recognizes C3aR expressed in leukocytes and in transfected cells using flow cytometry.

For Research Use Only. Not to be used in humans.

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- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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