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**C3a/C3a desArg Complement (K13/16)  
Antibody****Subcategory:** Mouse Monoclonal Antibody**Cat. No.:** 250277**Unit:** 0.2 mg**Description:**

Complement C3a is an anaphylatoxin of 77 amino acid residues released by the action of the C3 convertases on the N-terminal of the alpha chain of C3. It is rapidly inactivated by serum carboxypeptidase N which removes the C-terminal arginine residue generating C3a (desArg). This antibody recognizes an epitope that is present on human C3, C3a and C3a (desArg) and does not react with C4a or C5a.

**Isotype:** Mouse IgG1**Applications:** E, WB**Species Reactivity:** H**Format:** Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.**Alternate Names:** C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1; Complement C3; C3a anaphylatoxin; Complement C3b alpha chain; Complement C3c alpha chain fragment 1; Complement C3dg fragment; C3d fragment; C3g fragment; C3f fragment; C3c alpha chain fragment 2**Accession No.:** P01024**Antigen:** Human C3a**Application Notes:** Product Cat. No. 250277 can be used as a capture antibody in sandwich ELISA with Product Cat. No. 250278 as detection antibody. Product Cat. No. 250277 can also be used to immunopurify C3a. Effectively inhibits the biological activity of C3a in a guinea-pig platelet activation assay. E: 1:10,000; WB: 1:1,000**Storage:** Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.