
C3 Complement Rat (12E2) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250346

Unit: 0.1 mg

Description:

C3 is a key component of the complement system, because the lectin, classical and alternative activation pathways merge at the C3 activation step. This antibody is specific for rat C3. No cross-reaction is seen when tested with human C3.

Isotype: Mouse IgG1/k

Applications: E, IHC

Species Reactivity: R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: 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.: P01026

Antigen: C3 purified from rat serum

Application Notes: Product Cat. No. 250346 reacts strongly with rat C3 when tested in sandwich ELISA in combination with a polyclonal antibody against rat C3. The antibody prolongs xenograft survival in rats transplanted with guinea-pig hearts. E: 1:4,000; IHC: 1:500

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

Product Citations: [1] Pedros C et al. 2013. Genes and Immunity. doi:10.1038/gene.2013.21. PMID#23615071 [2] Nimer F et al. 2013. Elsevier. Brain, Behavior, and Immunity. 27:109-122. PMID: 23044177. [3] Unadkat L et al. 2009. Transplantation Proceedings. 41(2):542-545. PMID# 19328922.

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