C9 Complement (53) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 250216
Unit: 0.2 mg

Description:
Complement factor C9 is a 71-kDa single-chain ellipsoid a-globular molecule of 558 amino acids including a leader sequence of 20 amino acids. C9 bind the C5b8 complex on membranes and have an unique property in forming tubular structures containing between 12 and 18 monomers, closely resembling the membrane attack complex (MAC). Primary site of synthesis is hepatocytes, secondary sites are monocytes, fibroblasts and glial cells. The normal level of C9 in plasma is 60 µg/mL, and up regulated from hepatocytes by IFN-g. This antibody is specific for complement factor C9.

Isotype: Mouse IgG1/k
Applications: E
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: Complement factor C9
Accession No.: P02749

Antigen: Complement factor C9
Application Notes: Product Cat. No. 250216 recognizes C9 in human serum diluted 1:50 in Tris buffer (20 mM Tris-base, 1 mM MgCl2, 1 mM CaCl2 and 140 mM NaCl) and incubated for 2 hours at 37°C using a human IgM coated (10 µg/mL overnight at 4°C, blocked with PBS 7.2 + 1% BSA for 1 hour) ELISA plate. E: 1:20,000

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.