
C5b-9 Complement Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250201

Unit: 0.1 mg

Description:

This antibody recognizes the C5b-9 complement components, also named the terminal complement complex (TCC) that consists of the C5b, C6, C7, C8 and C9 components. The antibody specifically binds to a neoepitope exposed on C9 component upon complex formation in both membrane-bound (MAC) and fluid phase (SC5b-9) complexes. The antibody can be used for detecting C5b-9 in ELISA and immunohistocytology. The neoepitope is destroyed upon complex disruption during a western blot procedure.

Isotype: Mouse IgG2a

Applications: E, IHC

Species Reactivity: H

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 affinity chromatography.

Alternate Names: Terminal complement complex; TCC; C5b; C6; C7; C8; C9; Complement component

Accession No.: P02748

Antigen: Membrane extract of detergent-lysed erythrocytes

Application Notes: This antibody recognizes human C5b-9, also called the terminal complement complex (TCC) made of C5b, C6, C7, C8 and C9. The antibody is directed against a neoepitope exposed in C9 upon TCC complex formation. The antibody also reacts with porcine and equine TCC.

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Mollnes, TE et al. 1985. Scand J Immunol. 22(2): 183-95. PMID# 4035298.

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