

Complement

Polyclonal Antibodies: Chicken Anti-Human SC5b-9 (IgY)

For Research Use Only. Not for use in Diagnostic Procedures.

Background¹

The activation of complement by the classical, alternative or lectin pathways results in the cleavage of C5 to C5a and C5b, under normal conditions. A consequence of C5b generation, after sequential interaction with C6, C7 and C8, is the formation of the membrane attack complex (MAC) in cell membranes and downstream complement mediated cytotoxicity. MAC may be diverted by control proteins (e. g., Clusterin and S Protein) to form a soluble, lytically inert complex called SC5b-9. In any form, this macromolecular complex is referred to as Terminal Complement Complex or TCC. Since C5 is unique to the terminal complement cascade, activation of C5, as indicated by TCC levels, is an excellent marker for terminal complement activity *in vitro* or *in vivo*.

Applications²

| EIA | RIA | WB | IHC | FACS |
|---------|-----|---------|-----|------|
| >1:1000 | N/T | > 1:500 | N/T | N/T |

N/T = Not tested.

Specifications

Catalog Number: A802
 Concentration: 1.0-1.2 mg/ml
 Purity: ≥ 85% by SDS PAGE
 Volume/Vial: 100 µl
 Storage: ≤ -20°C
 Buffer: Phosphate Buffered Saline (pH 7.0 ± 0.2)

Species Cross Reactivity: Rat, dog, porcine, bovine, sheep, mouse, rhesus macaque, goat, hamster, and rabbit.

References

1 Complement Second Edition; SKA Law and KBM Reid Eds Oxford University Press (1995) pp. 11-29.
 2 Data on File at Quidel Corporation.

Related Products

MicroVue™ SC5b-9 Plus EIA Kit A020 (U.S. and Canada only)
 MicroVue SC5b-9 Plus EIA Kit A029 (outside U.S. and Canada only)
 Human Complement Standard A100
 Monoclonal Anti-Human SC5b-9 A239

Ordering and Additional Information

To learn more about this and other Quidel products visit our website www.quidel.com or contact Technical Services at 1.800.524.6318



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