All Hycult Biotech products are subject to strict quality control procedures.

**MONOCLONAL ANTIBODY TO HUMAN C5/C5b**

**Clone 568**

**Catalog no**
HM2080 (lot number and expiry date are indicated on the label)

**Description**
Monoclonal antibody 568 reacts with an epitope on C5 and on C5b. C5 is involved in the activation of the lytic pathway within the complement system which is an important factor in innate immunity. The complement pathways can be divided in the activation pathways and lytic pathway. The activation pathways lead via C3 to the cleavage of the fifth complement component C5 into C5a and C5b. C5b initiates the assembly of the membrane attack complex (MAC) that mediates cytolysis.

**Species**
Mouse IgG2a

**Formulation**
1 ml (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.

**Application**

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N.D. = Not Determined; F = Frozen sections; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IF = Immuno Fluorescence; IP = Immuno Precipitation; P = Paraffin sections; W = Western blot

**Use**
It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.

**Storage and stability**
Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.

**Precautions**
For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.

**References**

**Also available**
- HM2076 Monoclonal antibody against Human C5/C5a (N-terminus), clone 561
- HM2077 Monoclonal antibody against Human C5/C5a, clone 557
- HM2078 Monoclonal antibody against Human C5a/C5a des-Arg (neo-epitope), clone 2942
- HM2079 Monoclonal antibody against Human C5a/C5a des-Arg (neo-epitope), clone 2952

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