

## Anti-Complement C3 Monoclonal Antibody

Catalog Number: M00168-2

### About C3

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

### Overview

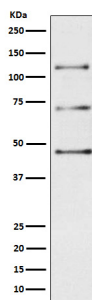
|                      |                                                                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-Complement C3 Monoclonal Antibody                                                                                                                    |
| Reactive Species     | Human                                                                                                                                                     |
| Description          | Boster Bio Anti-Complement C3 Monoclonal Antibody catalog # M00168-2. Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human. |
| Application          | Flow Cytometry, IF, ICC, WB                                                                                                                               |
| Clonality            | Monoclonal AEIC-3                                                                                                                                         |
| Formulation          | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                       |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                |
| Host                 | Rabbit                                                                                                                                                    |
| Uniprot ID           | P01024                                                                                                                                                    |

### Technical Details

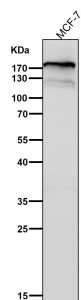
|                     |                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen           | A synthesized peptide derived from human C3 / C3a                                                                                                                                                                                                                                                                                                                                        |
| Isotype             | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                               |
| Form                | Liquid                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration       | Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.                                                                                                                                                                                                                                                                                             |
| Purification        | Affinity-chromatography                                                                                                                                                                                                                                                                                                                                                                  |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.<br>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.<br>Some PubMed article(s) citing the expression level of this target are as follows:<br>Boster Bio's internal QC testing used: |

|  |                                                 |
|--|-------------------------------------------------|
|  | WB 1:500-1:2000<br>ICC/IF 1:50-1:200<br>FC 1:20 |
|--|-------------------------------------------------|

## Anti-Complement C3 Monoclonal Antibody (M00168-2) Images



Western blot analysis of C3 / C3a expression in Human plasma lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

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