bsm-63199R **[Primary Antibody]**

Complement C3 Recombinant Rabbit mAb

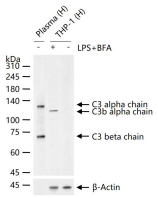
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

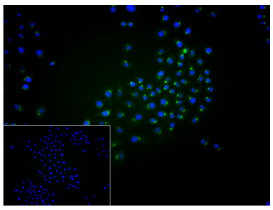
Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 4E13
GeneID: 718
SWISS: P01024
Target: Complement C3
Immunogen: A synthesized peptide derived from human Complement C3: 1200-1250/1663.
Purification: affinity purified by Protein A
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.
Background: 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.

Applications: **WB** (1:500-2000)
Flow-Cyt (1:50-100)
ICC/IF (1:50-200)
Reactivity: Human
Predicted MW.: 187 kDa
Observed MW.: 70110125 kDa
Subcellular Location: Secreted

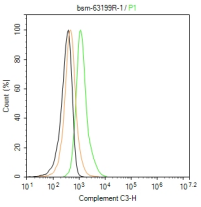
VALIDATION IMAGES



THP-1 (H) cells were treated with or without LPS (1μg/ml) and BFA (300 ng/ml) for 24 h, 25 μg total protein per lane of cell lysates (see on figure) probed with Complement C3 monoclonal antibody, unconjugated (bsm-63199R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



4% Paraformaldehyde-fixed HepG2 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (Complement C3) monoclonal Antibody, unconjugated (bsm-63199R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The HepG2 (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C,the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green):Rabbit Anti-Complement C3 antibody (bsm-63199R,1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.