

bsm-51535M**[Primary Antibody]****BioSS**
ANTIBODIES

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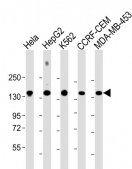
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C3 Mouse mAb**— DATASHEET —**

Host: Mouse	Isotype: IgG1	Applications: WB (1:500-2000)
Clonality: Monoclonal	CloneNo.: B3N11	Reactivity: Human
GeneID: 718	SWISS: P01024	
Target: C3		
Immunogen: KLH conjugated synthetic peptide derived from human C3: 1301-1400/1663.		Predicted MW.: 187 kDa
Purification: affinity purified by Protein G		Subcellular Location: Secreted
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: The complement factor C3 consists of an alpha and a beta chain. C3 is a central factor in the complement cascade. It is central to the alternative pathway that leads to the C3 convertase C3bBb. The classical mannose binding lectin activation pathway leads to the C3 convertase C4b2a. These convertases cleave C3 resulting in C3a and C3b. Further degradation leads to the formation of the alpha chain products C3d, C3g and C3c. C3 is an acute phase protein that is produced by a wide range of tissues, including renal epithelial cells and hepatocytes.		

— VALIDATION IMAGES —

Sample: Lane 1: HeLa cell lysates Lane 2: HepG2 cell lysates Lane 3: K562 cell lysates Lane 4: CCRF-CEM cell lysates Lane 5: MDA-MB-453 cell lysates
 Primary: Anti-C3 (bsm-51535M) at 1/2000 dilution
 Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
 Predicted band size: 187 kD Observed band size: 145 kD

— SELECTED CITATIONS —

- **[IF=3.252]** Ganggang Li. et al. Baicalin suppresses neuron autophagy and apoptosis by regulating astrocyte polarization in pentylentetrazol-induced epileptic rats and PC12 cells. Brain Res. 2022 Jan;1774:147723 WB,IF ;Rat. 34780748