

bsm-33179M**[Primary Antibody]****BioSS**
ANTIBODIES

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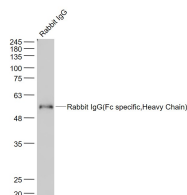
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Rabbit IgG(Fc specific,Heavy Chain) Mouse mAb**— DATASHEET —**

Host: Mouse	Isotype: IgG	Applications: WB (1:500-1000)
Clonality: Monoclonal	CloneNo.: 3F5	Reactivity: Rabbit
Target: Rabbit IgG(Fc specific,Heavy Chain)		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: IgG antibodies are large molecules of about 150 kDa made of four peptide chains. It contains two identical class γ heavy chains of about 50 kDa and two identical light chains of about 25 kDa, thus a tetrameric quaternary structure. The two heavy chains are linked to each other and to a light chain each by disulfide bonds. The resulting tetramer has two identical halves, which together form the Y-like shape. Each end of the fork contains an identical antigen binding site. The Fc regions of IgGs bear a highly conserved N-glycosylation site. The N-glycans attached to this site are predominantly core-fucosylated diantennary structures of the complex type. In addition, small amounts of these N-glycans also bear bisecting GlcNAc and α -2,6-linked sialic acid residues.		Predicted MW.: 55 kDa Subcellular Location: Secreted

— VALIDATION IMAGES —

Sample: Rabbit IgG Lysate at 30 ug Primary: Anti-Rabbit IgG(Fc specific,Heavy Chain) (bsm-33179M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 55 kD

— SELECTED CITATIONS —

- **[IF=6.057]** Haohua Yang. et al. Biotin-streptavidin sandwich integrated PDA-ZnO@Au nanocomposite based SPR sensor for hlgG detection. TALANTA. 2022 Aug;246:123496 Other ;. 35487015
- **[IF=6.1]** Caiyi Yang. et al. Liquiritin improves macrophage degradation of engulfed tumor cells by promoting the formation of phagolysosomes via NOX2/gp91phox. J PHARM ANAL. 2024 Aug;:101093 WB ;Mouse. 10.1016/j.jpha.2024.101093