bsm-33179M

[Primary Antibody]



Rabbit IgG(Fc specific, Heavy Chain) Mouse mAb

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Applications: WB (1:500-1000)

Reactivity: Rabbit

Predicted 55 kDa

Subcellular Location: Secreted

MW.:

DATASHEET

Host: Mouse Isotype: IgG Clonality: Monoclonal CloneNo.: 3F5

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

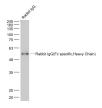
freeze/thaw cycles.

Background: IgG antibodies are large molecules of about 150 kDa made of four

peptide chains. It contains two identical class y 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 Nglycosylation 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.

VALIDATION IMAGES



Sample: Rabbit IgG Lysate at 30 ug Primary: Anti-Rabbit IgG(Fc specific, Heavy Chain) (bsm-33179M) at 1/1000 dilution Secondary: IRDve800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 55 kD Observed

- SELECTED CITATIONS -

band size: 55 kD

- [IF=6.057] Haohua Yang, et al. Biotin-streptavidin sandwich integrated PDA-ZnO@Au nanocomposite based SPR sensor for hIgG 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