



Source

Biotinylated Monoclonal Mouse Anti-Human-IgG Antibody, Mouse IgG1 (6F11C8) is a Mouse monoclonal antibody produced from a hybridoma created by fusing SP2/0 myeloma and Mouse B-lymphocytes.

Clone

6F11C8

Species

Mouse

Isotype

Mouse IgG1 | Mouse Kappa

Conjugate

Biotin

Antibody Type

Hybridoma Monoclonal

Reactivity

Human

Immunogen

Human-IgG-Fc.

Specificity

This product is a specific antibody specifically reacts with Human-IgG-Fc.

Application

Application	Recommended Usage
ELISA	0.2-125 ng/mL

Cross Verification

This product No cross-reactivity in ELISA with
Anti-SARS-CoV-2 Spike RBD Neutralizing Antibody, Chimeric mAb, Human IgM (AM122) (Cat. No. SPD-M162).
Anti-SARS-CoV-2 Spike RBD Neutralizing Antibody, Chimeric mAb, Cynomolgus IgG1 (AM122) (Cat. No. SPD-M201).
Anti-SARS-CoV-2 Spike RBD Antibody, Chimeric mAb, Human IgA1 (AM130) (Cat. No. S1N-M164).
Anti-SARS-CoV-2 Omicron Antibody-3A7C12, Rabbit IgG (Cat. No. SPD-C73).

Purity

>90% as determined by SDS-PAGE.

Purification

Protein A purified / Protein G purified

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

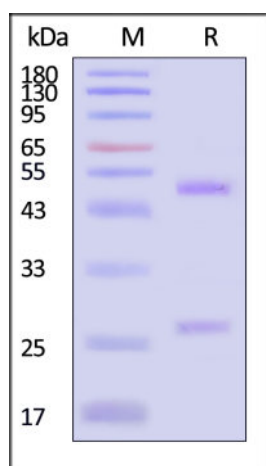
Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

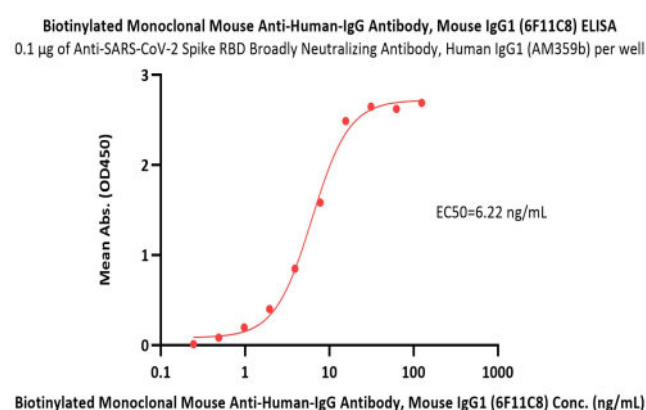
SDS-PAGE



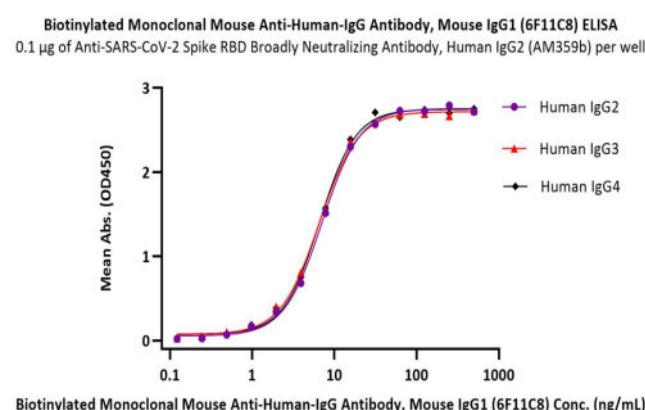


Biotinylated Monoclonal Mouse Anti-Human-IgG Antibody, Mouse IgG1 (6F11C8) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

Bioactivity-ELISA



Immobilized Anti-SARS-CoV-2 Spike RBD Broadly Neutralizing Antibody, Human IgG1 (AM359b) (Cat. No. SPD-M265) at 1 µg/mL (100 µL/well) can bind Biotinylated Monoclonal Mouse Anti-Human-IgG Antibody, Mouse IgG1 (6F11C8) (Cat. No. IGG-BLY69) with a linear range of 0.2-16 ng/mL (QC tested).



Immobilized Anti-SARS-CoV-2 Spike RBD Broadly Neutralizing Antibody, Human IgG2 (AM359b) (Cat. No. SPD-M400a), Anti-SARS-CoV-2 Spike RBD Broadly Neutralizing Antibody, Human IgG3 (AM359b) (Cat. No. SPD-M401a), Anti-SARS-CoV-2 Spike RBD Broadly Neutralizing Antibody, Human IgG4 (AM359b) (Cat. No. SPD-M402a) at 1 µg/mL (100 µL/well) can bind Biotinylated Monoclonal Mouse Anti-Human-IgG Antibody, Mouse IgG1 (6F11C8) (Cat. No. IGG-BLY69) with a linear range of 0.1-16 ng/mL (Routinely tested).

Background

Crystallizable fragments composed of the carboxy-terminal halves of both IMMUNOGLOBULIN HEAVY CHAINS linked to each other by disulfide bonds. Fc fragments contain the carboxy-terminal parts of the heavy chain constant regions that are responsible for the effector functions of an immunoglobulin (COMPLEMENT fixation, binding to the cell membrane via FC RECEPTORS, and placental transport).

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