Catalog # IGG-S307



Source	Formulation
Monoclonal Anti-Human-IgG-Fc Antibody, Mouse IgG1 is a mouse monoclonal antibody recombinantly expressed from CHO cells immunized with IgG Fc.	Lyophilized from 0.22 μ m filtered solution in PBS with trehalose as protectant.
Isotyne	Contact us for customized product form or formulation.
Mouse IgG1 Kappa	Reconstitution
Specificity	Please see Certificate of Analysis for specific instructions.
This antibody specifically reacts with Human IgG Fc.	For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA
Application	
ELISA	Storage
Purity	For long term storage, the product should be stored at lyophilized state at -20°C or lower.
>95% as determined by SDS-PAGE.	Please avoid repeated freeze-thaw cycles.
Endotoxin	This product is stable after storage at:
Less than 1.0 EU per μ g by the LAL method.	 -20 to -70°C for 12 months in lyophilized state from date of receipt; -70°C for 3 months under sterile conditions after reconstitution

SDS-PAGE



Monoclonal Anti-Human-IgG-Fc Antibody, Mouse IgG1 on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95% (With <u>Star Ribbon Pre-stained Protein</u> <u>Marker</u>).

Bioactivity-Elisa



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Surprise Inside!

Monoclonal Anti-Human-IgG-Fc Antibody, Mouse IgG1 (6F11C8) ELISA 0.2µg of Anti-SARS-CoV-2 Spike RBD Broadly Neutralizing Antibody, Human IgG4 (AM359b) per well



Immobilized Anti-SARS-CoV-2 Spike RBD Broadly Neutralizing Antibody, Human IgG4 (AM359b) (MALS verified) (Cat. No. SPD-M402a) at 2µg/mL (100µL/well) can bind Monoclonal Anti-Human-IgG-Fc Antibody, Mouse IgG1 (6F11C8)(Cat. No. IGG-S307) with a linear range of 0.05-3.13 ng/mL (QC tested).



Immobilized Anti-SARS-CoV-2 Spike RBD Broadly Neutralizing Antibody, Human IgG2 (AM359b) (MALS verified) (Cat. No. SPD-M400a), Anti-SARS-CoV-2 Spike RBD Broadly Neutralizing Antibody, Human IgG3 (AM359b) (MALS verified) (Cat. No. SPD-M401a), Anti-SARS-CoV-2 Spike RBD Broadly Neutralizing Antibody, Human IgG4 (AM359b) (MALS verified) (Cat. No. SPD-M402a) and Human ACE2 / ACEH Protein, Fc Tag (MALS verified) (Cat. No. AC2-H5257) can bind Monoclonal Anti-Human-IgG-Fc Antibody, Mouse IgG1 (6F11C8)(Cat. No. IGG-S307). The antibody does not bind Anti-SARS-CoV-2 Spike RBD Antibody, Chimeric mAb, Human IgA1 (AM130) (MALS verified) (Cat. No. S1N-M164) and Human CD19 (20-291) Protein, His Tag DMF Filed (Cat. No. CD9-H52H2) (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).

Clinical and Translational Updates



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