



Source

Monoclonal Anti-Human IgG3 Fc Antibody, Mouse IgG2a (2B7) is a Mouse monoclonal antibody recombinantly expressed from HEK293 cells.

Clone

2B7

Species

Mouse

Isotype

Mouse IgG2a | Mouse Kappa

Conjugate

Unconjugated

Antibody Type

Recombinant Monoclonal

Reactivity

Human.

Immunogen

Recombinant Human IgG3 Fc is expressed from human 293 cells.

Specificity

Specifically recognizes IgG3 Fc.

Application

Application	Recommended Usage
ELISA	0.1-125 ng/mL

Cross Verification

This product No cross-reactivity in ELISA with Anti-CD4 Antibody (Ibalizumab-IgG4).

Monoclonal Anti-IFN γ Antibody, Human IgG1 (8C5F8) (Cat. No. IFN-M412).

Anti-SARS-CoV-2 Spike RBD Broadly Neutralizing Antibody, Human IgG2 (AM359b) (Cat. No. SPD-M400a).

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Anti-SARS-CoV-2 Spike RBD Antibody, Chimeric mAb, Human IgA1 (AM130) (Cat. No. S1N-M164).

Anti-SARS-CoV-2 Spike RBD Neutralizing Antibody, Chimeric mAb, Cynomolgus IgG1 (AM122) (Cat. No. SPD-M201).

Monoclonal Anti-Eribulin Antibody, Rabbit IgG (1M1G11) (Cat. No. ERN-MY2012b).

Anti-SARS-CoV-2 Spike RBD Neutralizing Antibody, Chimeric mAb, Human IgM (AM122) (Cat. No. SPD-M162).

Human CD3 epsilon, Mouse IgG2a Fc Tag (Cat. No. CDN-H5253).

Human Cadherin-17 Protein, Mouse IgG1 Fc Tag (Cat. No. CA7-H52A9).

Purity

>90% as determined by SDS-PAGE.

>90% as determined by SEC-MALS.

Purification

Protein A purified / Protein G purified

Formulation

Lyophilized from 0.22 μ m 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

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

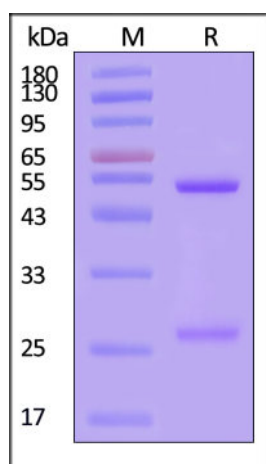
- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

Discounts, Gifts,
and more!



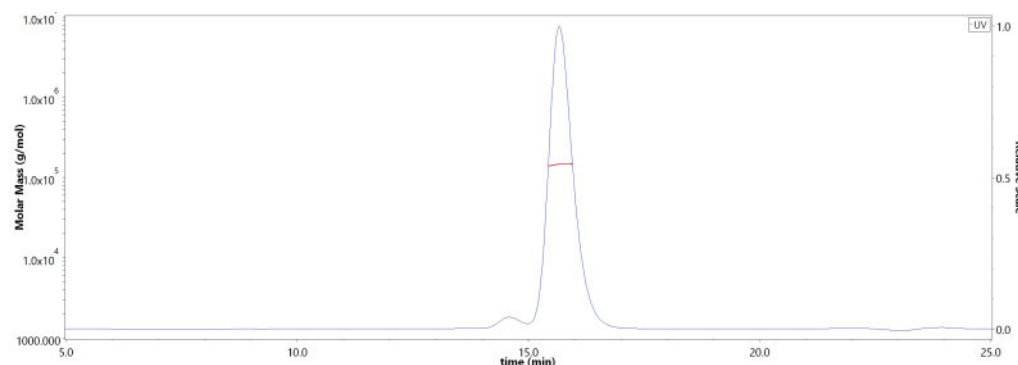


SDS-PAGE



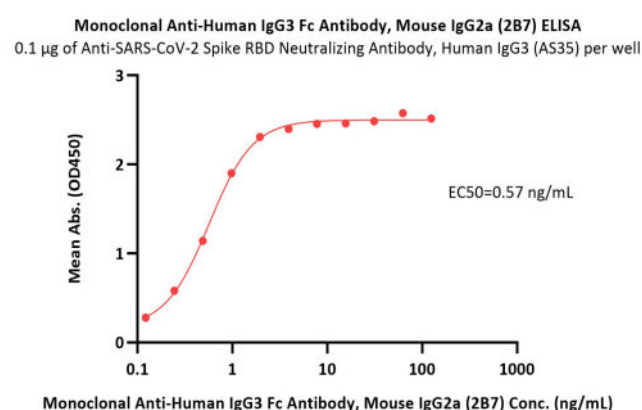
Monoclonal Anti-Human IgG3 Fc Antibody, Mouse IgG2a (2B7) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

SEC-MALS



The purity of Monoclonal Anti-Human IgG3 Fc Antibody, Mouse IgG2a (2B7) (Cat. No. IG3-MY2179) is more than 90% and the molecular weight of this protein is around 135-165 kDa verified by SEC-MALS. [Report](#)

Bioactivity-ELISA



Immobilized Anti-SARS-CoV-2 Spike RBD Neutralizing Antibody, Human IgG3 (AS35) (Cat. No. SPD-S67) at 1 μ g/mL (100 μ L/well) can bind Monoclonal Anti-Human IgG3 Fc Antibody, Mouse IgG2a (2B7) (Cat. No. IG3-MY2179) with a linear range of 0.1-2 ng/mL (QC tested).

Background

Immunoglobulin G3 (IgG3) is a member of many immunoglobulin G developed and secreted by effective B cells. In wake of cutting by pepsin, IgG is divided into two F(ab)s with one antigen binding site and a high conserved Fc segment. The Fc segment bears a highly conserved N-glycosylation site. Ig gamma-3 chain C region (IgG3-Fc / IGHG3) contains two constant regions of IgG3 H chain (CH2, CH3).

Clinical and Translational Updates

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