

Biotinylated Anti-Adalimumab Antibody (22E7A4A2) (recommended for PK/PD)

Catalog # ADB-BY17c



Source

Biotinylated Anti-Adalimumab Antibody (22E7A4A2) is a Mouse monoclonal antibody recombinantly expressed from HEK293 cells.

Clone

22E7A4A2

Species

Mouse

Isotype

Mouse IgG1 | Mouse Kappa

Antibody Type

Recombinant Monoclonal

Reactivity

Human

Immunogen

Adalimumab.

Specificity

Recognizes Adalimumab specifically.

Application

Application	Recommended Usage
ELISA	0.4-12.5 ng/mL

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

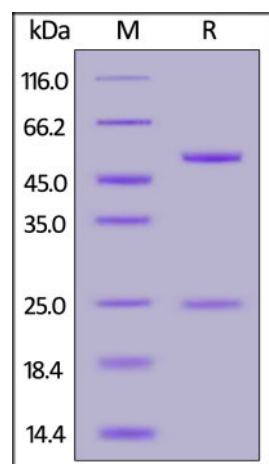
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

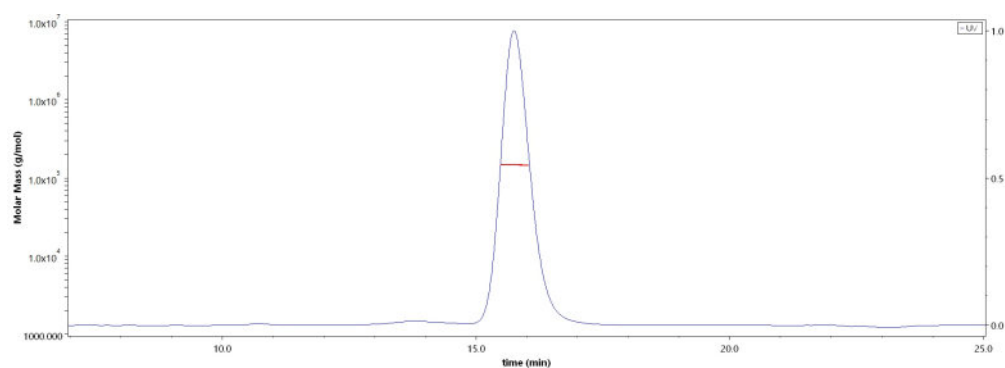
- $4-8^{\circ}\text{C}$ for 12 months in lyophilized state;
- -70°C for 12 months under sterile conditions after reconstitution.

SDS-PAGE



Biotinylated Anti-Adalimumab Antibody (22E7A4A2) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%.

SEC-MALS



The purity of Biotinylated Anti-Adalimumab Antibody (22E7A4A2) (Cat. No. ADB-BY17c) is more than 90% and the molecular weight of this protein is around 135-155 kDa verified by SEC-MALS.

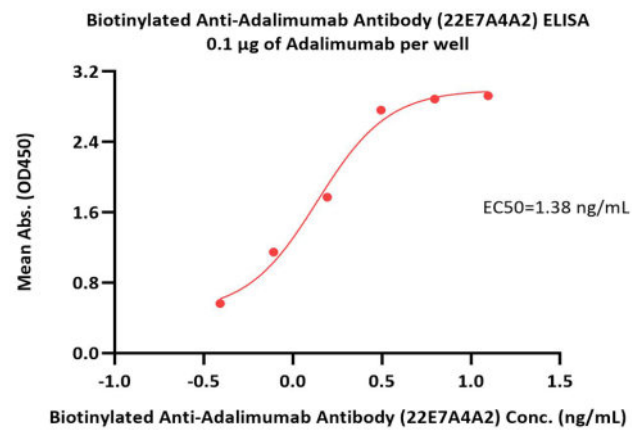
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Report

Bioactivity-ELISA



Immobilized Adalimumab at 1 µg/mL (100 µL/well) can bind Biotinylated Anti-Adalimumab Antibody (22E7A4A2) (Cat. No. ADB-BY17c) with a linear range of 0.4-3 ng/mL (QC tested).

Background

Adalimumab is a human monoclonal antibody against TNF-alpha. It is produced by recombinant DNA technology using a mammalian cell expression system. It consists of 1330 amino acids and has a molecular weight of approximately 148 kilodaltons.

Clinical and Translational Updates

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