



Source

Biotinylated Anti-His Tag Antibody(AY63), Fab is a Mouse monoclonal antibody recombinantly expressed from HEK293 cells.

Clone

AY63

Species

Mouse

Isotype

Mouse IgG1 | Mouse Kappa

Conjugate

Biotin

Antibody Type

Recombinant Monoclonal

Reactivity

Tag

Immunogen

A protein peptide with his tag

Specificity

This product is a specific antibody specifically reacts with His tag protein, and can recognizes C-terminal, N-terminal, and internal His tagged fusion proteins.

Application

Application	Recommended Usage
ELISA	0.1-100 ng/mL

Purity

>95% as determined by SDS-PAGE.

>98% as determined by SEC-MALS.

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 protect from light and 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 after reconstitution;

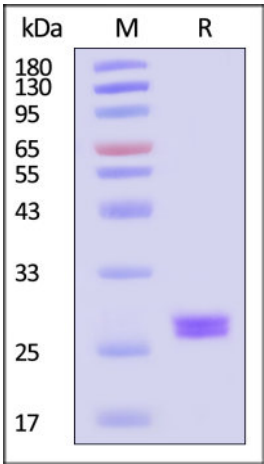
SDS-PAGE

SEC-MALS

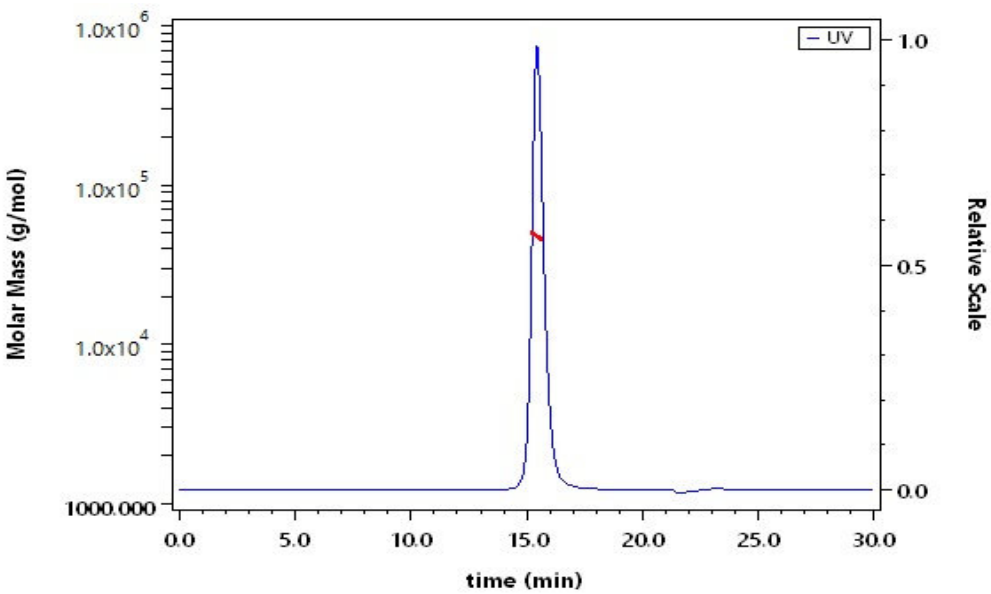


Biotinylated Anti-His Tag Antibody(AY63), Fab (MALS verified)

Catalog # HIS-BVM539



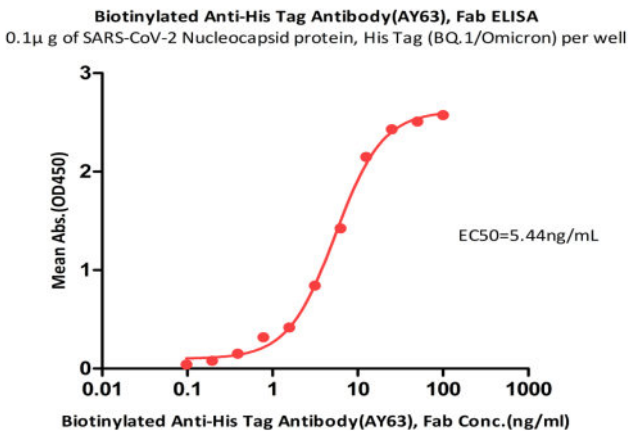
Biotinylated Anti-His Tag Antibody(AY63), Fab on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95% (With [Star Ribbon Pre-stained Protein Marker](#)).



The purity of Biotinylated Anti-His Tag Antibody(AY63), Fab (Cat. No. HIS-BVM539) is more than 98% and the molecular weight of this protein is around 40-55 kDa verified by SEC-MALS.

[Report](#)

Bioactivity-ELISA



Immobilized SARS-CoV-2 Nucleocapsid protein, His Tag (BQ.1/Omicron) (Cat. No. NUN-C52Hx) at 1µg/mL (100µL/well) can bind Biotinylated Anti-His Tag Antibody(AY63), Fab (Cat. No. HIS-BVM539) with a linear range of 0.2-100ng/mL (QC tested).

Background

His tag is a very small molecular weight tag, usually composed of 6-10 histidine (His). It is one of the commonly used tags for protein purification and detection. Due to its small molecular weight, fusion into the target protein has almost no effect on the structure and characteristics of the protein. Anti-his tag antibody can accurately detect, locate and purify His tag fusion protein, so as to provide convenience for the vast number of researchers.

