

Monoclonal Anti-Human parainfluenza viruses Pre-fusion glycoprotein F0 Antibody, Human IgG1 (15A10) (MALS verified)

Catalog # HPV-MY2325



Source

Monoclonal Anti-Human parainfluenza viruses Pre-fusion glycoprotein F0 Antibody, Human IgG1 (15A10) is a chimeric monoclonal antibody recombinantly expressed in HEK293, which combines the variable region of a mouse monoclonal antibody with human constant domain.

Antibody Type

Recombinant Monoclonal

Clone

15A10

Isotype

Human IgG1, Kappa

Host Species

Mouse

Reactivity

Virus

Immunogen

Recombinant Human parainfluenza viruses Pre-fusion glycoprotein F0 is expressed from human 293 cells

Specificity

Specifically recognizes Human parainfluenza viruses Pre-fusion glycoprotein F0.

Application

Application	Recommended Usage
Western Blot	10-0.1 µg/mL

Purification

Protein A purified / Protein G purified.

Aggregation

Less than 10%, as determined by SEC-MALS.

Concentration

Please refer to the Certificate of Analysis (CoA).

Form

Lyophilized

Formulation

Lyophilized from a 0.22 µm-filtered solution in PBS (pH 7.4), with trehalose as protectant.

Please contact us for customized product forms or formulations.

Reconstitution

Please refer to the Certificate of Analysis (CoA) for specific instructions.

Shipping

Lyophilized product is shipped at ambient temperature.

Storage

For long term storage, the product should be stored in a 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.

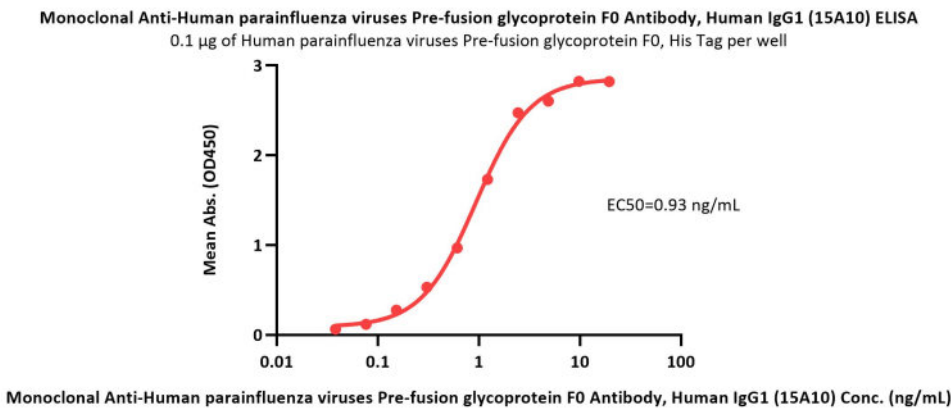
Notices

Product Specific Notices: For research use only.

ACRO Quality Management System

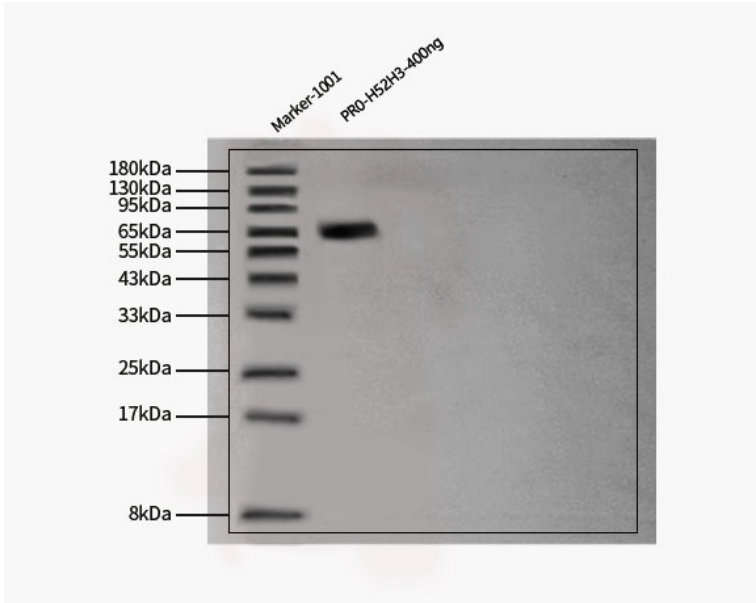
- [QMS\(ISO, GMP\)](#).
- [Quality Advantages](#)
- [Quality Control Process](#)

Bioactivity-ELISA



Immobilized Human parainfluenza viruses Pre-fusion glycoprotein F0, His Tag (Cat. No. PR0-H52H3) at 1 µg/mL (100 µL/well) can bind Monoclonal Anti-Human parainfluenza viruses Pre-fusion glycoprotein F0 Antibody, Human IgG1 (15A10) (Cat. No. HPV-MY2325) with a linear range of 0.04-2 ng/mL (QC tested).

Western Blot



Detection of Monoclonal Anti-Human parainfluenza viruses Pre-fusion glycoprotein F0 Antibody, Human IgG1 (15A10) (MALS verified) by Western Blot. Monoclonal Anti-Human parainfluenza viruses Pre-fusion glycoprotein F0 Antibody, Human IgG1 (15A10) (MALS verified) at 0.10 µg/mL dilution + Human parainfluenza viruses Pre-fusion glycoprotein F0, His Tag (MALS verified) at 400 ng.
Secondary: (HFC)-Peroxidase AffiniPure Goat Anti-Human IgG, Fcγ fragment specific at 1/2000 dilution.
Predicted band size: 65 kDa 12% Bis-Tris Protein Gel

Background

Anti-Human Parainfluenza Viruses Antibody, is a monoclonal antibody designed to specifically recognize antigens from human parainfluenza viruses (HPIVs), a group of enveloped, negative-sense RNA viruses that cause acute respiratory tract infections. HPIVs are a major cause of illness in infants, young children, the elderly, and immunocompromised individuals. This antibody is commonly used in research and diagnostic applications, including ELISA, immunofluorescence, and neutralization assays, to detect viral proteins, study infection mechanisms, and support vaccine or therapeutic development.



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