

Anti-H7N9 hlgG4 Antibody(mAb3)

Product information

GM-87831AB-10	10 µg
GM-87831AB-100	100 µg
GM-87831AB-1000	1 mg

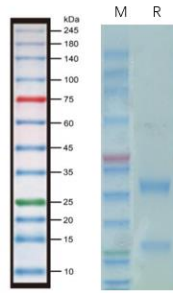
Antibody Information

Species Reactivity	Human;
Clone	mAb3
Source/Isotype	Monoclonal human IgG4, λ
Application	Neutralization Assay
Specificity	Detects H7N9
Gene	H7N9
Background	<p>H7N9 is an avian influenza virus that was first discovered in China in 2013. While it primarily infects birds, it can also infect humans, leading to severe respiratory diseases. The potential lethality of the H7N9 virus and the risk of human-to-human transmission have attracted widespread attention, resulting in an increased demand for antibody research.</p> <p>In vaccine development, the application of H7N9 antibodies has become an important area of research aimed at providing effective prevention and control measures. These specific H7N9 antibodies not only help in understanding the immune response but can also be used to develop vaccines against H7N9. By studying the antibodies generated in infected individuals, scientists can identify effective antigens, providing critical data for vaccine design.</p> <p>Moreover, antibodies against H7N9 can also be used to treat infected individuals. By developing monoclonal antibodies, these antibodies can enhance the immune response of the infected person, improving their ability to fend off the pathogen. Therefore, the dual application of H7N9 antibodies in vaccine development and treatment is crucial in combating H7N9 virus infections and can provide strong support for public health responses.</p>
Storage	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Version:3.1

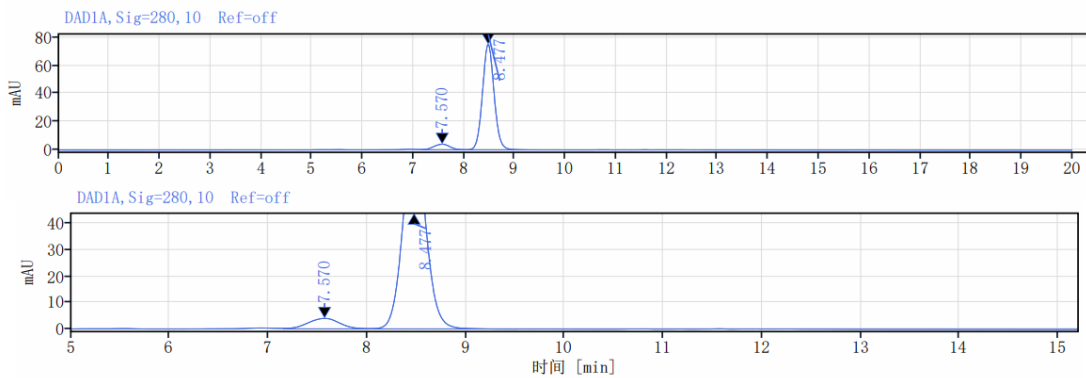
Data Examples

SDS-PAGE



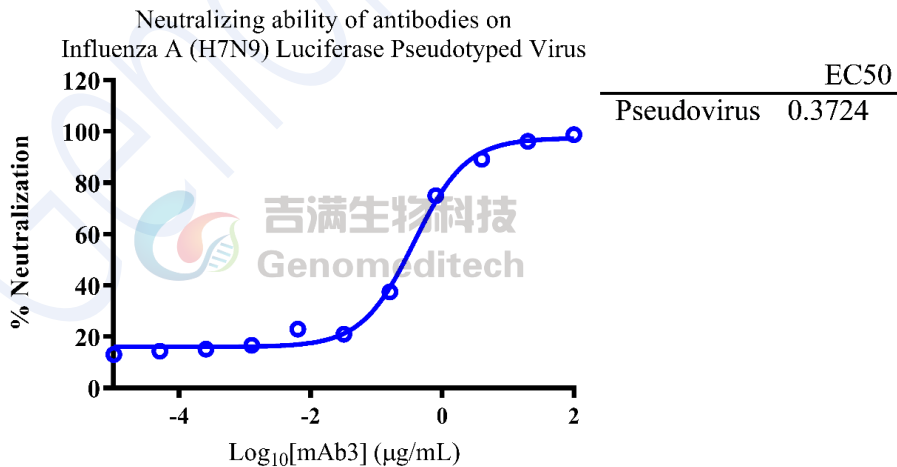
On SDS-PAGE under reducing (R). The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC

Neutralization Assay



Neutralization of Influenza A (H7N9) Luciferase Pseudotyped Virus (Cat. GM-0220PV197) with Anti-H7N9 hlgG4 Antibody(mAb3) and MDCK cell line