

## Anti-HPV16\_31\_33\_58 L1 hlgG1 Antibody (13A10)

### Product information

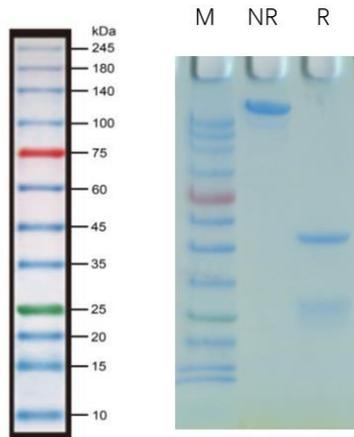
|                 |        |
|-----------------|--------|
| GM-81139AB-10   | 10 µg  |
| GM-81139AB-100  | 100 µg |
| GM-81139AB-1000 | 1 mg   |

### Antibody Information

|                    |  |
|--------------------|--|
| Species Reactivity | Human;   |
| Clone              | 13A10  |
| Source/Isotype     | Monoclonal human IgG1, κ   |
| Application        | Neutralization Assay   |
| Specificity        | Detects HPV16_31_33_58 L1  |
| Gene               | HPV16 L1、HPV31 L1、HPV33 L1、HPV58 L1  |
| Background         | Human papillomavirus (HPV) is a common virus closely associated with the occurrence of various cancers, particularly cervical cancer. There are more than 200 different types of HPV, some of which are considered low-risk and primarily cause benign lesions such as genital warts, while high-risk types (such as HPV 16 and HPV 18) are linked to the development of cancer. |
| Storage            | Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.  |
| Formulation        | Phosphate-buffered solution, pH 7.2.   |
| Endotoxin          | < 1 EU/mg, determined by LAL gel clotting assay  |

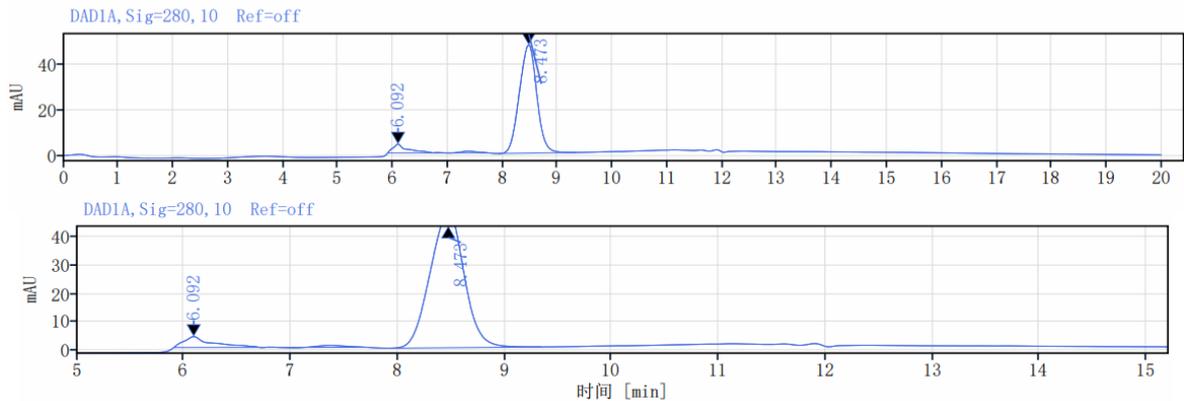
## Data Examples

### SDS-PAGE



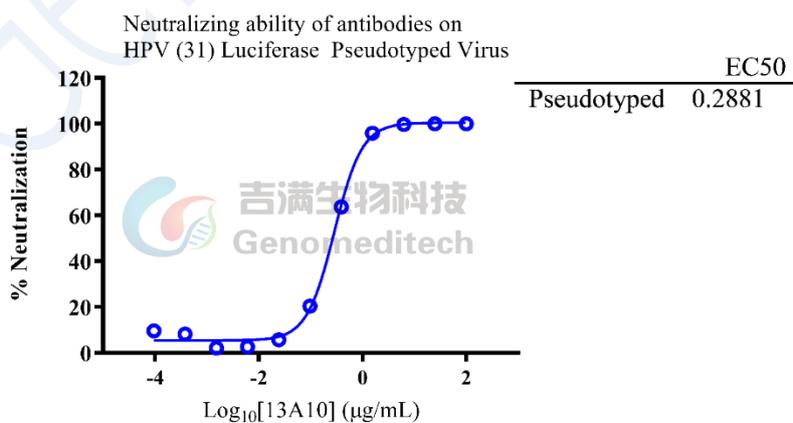
On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

### SEC-HPLC



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

### Neutralization assay



Neutralization of HPV (31) Luciferase Pseudotyped Virus (Cat. GM-0220PV175) with Anti-HPV16\_31\_33\_58 L1 hlgG1 Antibody (13A10) and HEK-293T SV40gp6 (HEK-293TT) Cell Line (Cat. GM-C34541)

Version:3.2