

Datasheet for ABIN7567888

## anti-MPXV A35R (AA 57-181) antibody



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### 2 Publications

#### Overview

|                      |                              |
|----------------------|------------------------------|
| Quantity:            | 100 µg                       |
| Target:              | MPXV A35R                    |
| Binding Specificity: | AA 57-181                    |
| Reactivity:          | Mpox Virus                   |
| Host:                | Rabbit                       |
| Clonality:           | Polyclonal                   |
| Application:         | ELISA, Western Blotting (WB) |

#### Product Details

|               |                                                                         |
|---------------|-------------------------------------------------------------------------|
| Purpose:      | Anti-Monkeypox virus/MPXV A35R Polyclonal Antibody                      |
| Immunogen:    | E. coli - derived recombinant Monkeypox virus/MPXV A35R (Val57-Thr181). |
| Isotype:      | IgG                                                                     |
| Purification: | Antigen affinity purification.                                          |

#### Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:     | MPXV A35R                                                                                                                                                                                                                                                                                                                                                           |
| Background: | A35R, Bifunctional EEV membrane phosphoglycoprotein, Bifunctional EEV membrane phosphoglycoprotein/associates with A36R, Bifunctional EEV membrane protein, EEV membrane phosphoglycoprotein, EEV membrane phosphoglycoprotein C-type,EEV membrane phosphoglycoprotein, C-type lectin-like domain, MPXV-COP-139, MPXV-SL-139, MPXV-WRAIR139, Monkeypox virus (MPXV) |

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: 0.01M PBS, pH 7.4, 50 % glycerol, 0.05 % Proclin 300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4°C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.

## Publications

Product cited in: Ye, Zhou, Guo, Zhang, Wang, Liu, Zhou, Xie, Li, Gong, Zhang, Chuai, Chiu: "Polyvalent mpox mRNA vaccines elicit robust immune responses and confer potent protection against vaccinia virus." in: **Cell reports**, Vol. 43, Issue 6, pp. 114269, (2024) ([PubMed](#)).

Zhou, Ye, Yang, Li, Zhang, Wang, Chen, Hu, Zhang, Liu, Gong, Chuai, Wang, Chiu: "Circular RNA vaccines against monkeypox virus provide potent protection against vaccinia virus infection in mice." in: **Molecular therapy : the journal of the American Society of Gene Therapy**, Vol. 32, Issue 6, pp. 1779-1789, (2024) ([PubMed](#)).