

# Rabbit anti-Monkeypox virus A29L mAb

**Catalog No.:** RMK0193

## Basic Information

**Catalog No.**  
RMK0193

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**  
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**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

## Contact

 | order@abclonal.com

 | support@abclonal.com

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## Background

Monkeypox is a rare zoonosis caused by monkeypox virus, which has become the most serious orthopoxvirus and consists of complex double stranded DNA. The cases are mostly in central and western Africa. The pathogenesis of monkeypox is that the virus invades the body from respiratory mucosa, multiplies in lymphocytes, and incurs into blood producing transient venereal toxemia. after the virus multiplies in cells, the cells can invade the blood and propagate to the skin of the whole body, causing lesions. A29L binds to cell surface heparin to promote fusion of viral membrane with host plasma membrane.

## Immunogen Information

**Immunogen**  
Recombinant Monkeypox virus A29L

## Cross-Reactivity

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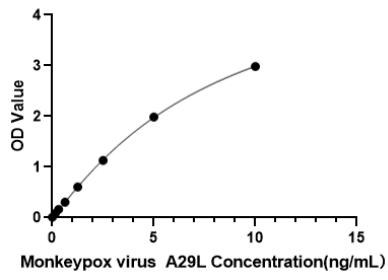
## Assay Applications

Monkeypox virus A29L Sandwich Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4 µg/mL	Rabbit anti-Monkeypox virus A29L mAb (Cat. No. RMK0193)
ELISA Detection	0.00125-0.005 µg/mL	Rabbit anti-Monkeypox virus A29L mAb (Cat. No. RMK0194)
Standard	0.156-10 ng/mL	Recombinant Monkeypox virus A29L Protein (Cat. No. RP01546)

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.