

Rabbit anti-Monkeypox virus A29L mAb (CAP)

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

Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.
Preservative □ 0.05% ProClin 300.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2µm filtered solution in PBS with 0.05% ProClin 300, PH 7.4.

Contact

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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 ELISA Immunoassay

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