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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℃
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

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Background

Monkeypox is a rare zoonosis caused by monkeypox virus, which has become the most serious orthpoxvirus 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

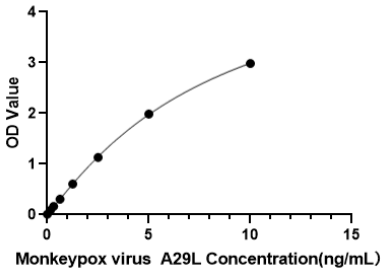
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Assay Applications

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



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