PRODUCT INFORMATION

Clone ID	1A5
Target	A29L
Synonyms	A29L
Host Species	Rabbit
Description	Biotinylated Anti-Monkeypox virus A29L antibody(1A5), Rabbit mAb
Delivery	In Stock
Uniprot ID	Q77HM6
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA
Recommended Dilutions	ELISA 1:5000-10000
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Powder
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
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.
Usage	Research use only
Conjugate	Biotinylated

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DIMA BIOTECH

Biotinylated Anti-Monkeypox virus A29L antibody(1A5), Rabbit mAb ELISA

0.2 μg of Monkeypox virus A29L, His tagged protein per well

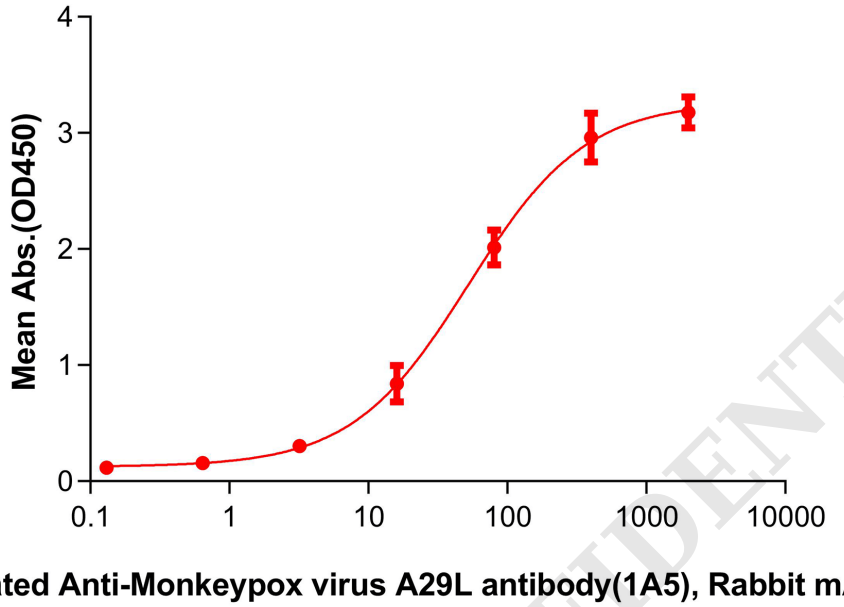

Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Monkeypox virus A29L Protein, His tag (PME101151) can bind Biotinylated Anti-Monkeypox virus A29L antibody(1A5), Rabbit mAb (DME101187B) in a linear range of 16-80 ng/mL.

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