

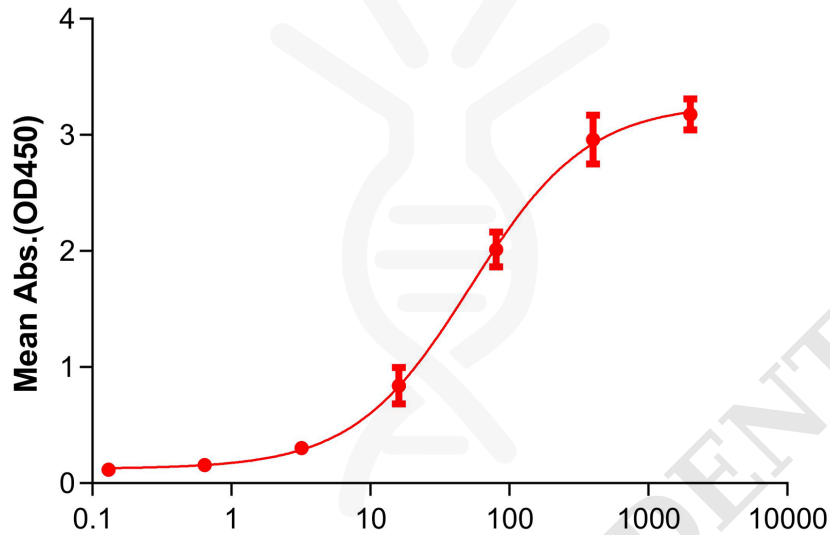
## PRODUCT INFORMATION

<b>Clone ID</b>	1A5
<b>Target</b>	A29L
<b>Synonyms</b>	A29L
<b>Host Species</b>	Rabbit
<b>Description</b>	Biotinylated Anti-Monkeypox virus A29L antibody(1A5), Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q77HM6
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA 1:5000-10000
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	Powder
<b>Storage&amp;Shipping</b>	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).
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Biotinylated



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

0.2  $\mu$ g of Monkeypox virus A29L, His tagged protein per well



### Biotinylated Anti-Monkeypox virus A29L antibody(1A5), Rabbit mAb (ng/mL)

Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/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.

