Cat. No. DME101187



PRODUCT INFORMATION

Clone ID 1A5 A29L **Target** A29L **Synonyms** Rabbit **Host Species**

Anti-Monkeypox virus A29L antibody(1A5), Rabbit Description

mAb **Uniprot ID 077HM6** IgG type Rabbit IgG Clonality Monoclonal

Reactivity Monkeypox virus

Applications ELISA

Recommended **Dilutions**

In Stock **Delivery**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

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

Background

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

> Email: info@dimabio.com Website: www.dimabio.com

host plasma membrane.

Usage Research use only Conjugate Unconjugated





Anti-A29L (1A5) mAb ELISA 0.1µg of Human A29L, His tagged protein per well

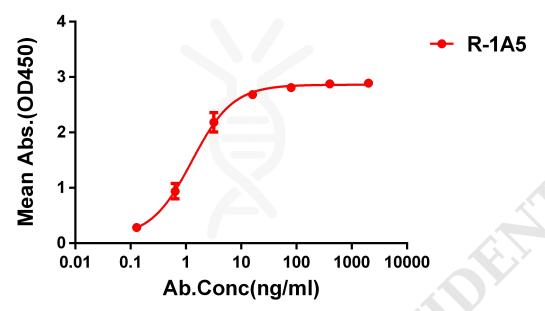


Figure 1. ELISA plate pre-coated by 1 μ g/ml (100 μ l/well) Human A29L Protein can bind Rabbit anti-A29L monoclonal antibody(clone: 1A5) in a linear range of 1-10 ng/ml.

Email: info@dimabio.com Website: www.dimabio.com

