

Datasheet for ABIN7539204 **anti-MPXV A29L antibody**



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Overview

Quantity:	500 µg
Target:	MPXV A29L
Reactivity:	Mpox Virus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA

Product Details

Purpose:	Mpox Virus A29L Antibody
Immunogen:	This antibody was produced from antiserum of rabbits immunized with a recombinant protein immunogen.
Characteristics:	Primary
Purification:	The IgG fraction was purified by Protein A affinity chromatography.

Target Details

Target:	MPXV A29L
Background:	Monkeypox is a rare zoonosis caused by monkeypox virus, which has become the most serious orthopoxvirus and consists of complex double stranded D. 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

Target Details

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.

UniProt: [Q90188](#)

Application Details

Application Notes: ELISA (recommended work dilution = 1:32,000)

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Product is supplied as a powder obtained from lyophilization of purified antibody in glycine solution. Reconstitute the antibody with sterile water to a final concentration of 1 mg/ml.

Concentration: Lot specific

Storage: -20 °C

Storage Comment: The antibody is stable for at least 1 year from the date of receipt when stored at -20°C to -70°C. Reconstituted antibody can also be aliquotted and stored at 4 °C for 1 month or at -20 °C to -70 °C in a manual defrost freezer for many months without detectable loss activity. Please avoid freeze-thaw cycles.

Expiry Date: 12 months