

Datasheet for ABIN7539206 **anti-MPXV A30L antibody**



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Overview

Quantity:	500 µg
Target:	MPXV A30L
Reactivity:	Mpox Virus
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA

Product Details

Purpose:	Mpox Virus A30L 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 A30L
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 venereal toxemia. After the virus multiplies in cells, the cells can invade the blood and

Target Details

propagate to the skin of the whole body, causing lesions. A30L is a Envelope protein required for virus entry into host cell and for cell-cell fusion (syncytium formation).

UniProt: [Q8V4U9](#)

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