

Datasheet for ABIN7608009
anti-MPXV A29L antibody



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Overview

Quantity:	10 µg
Target:	MPXV A29L
Reactivity:	Mpox Virus
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	ELISA

Product Details

Purpose:	Anti-Monkeypox virus A29L antibody(1A5), Rabbit mAb
Clone:	1A5
Isotype:	IgG
Purification:	Purified from cell culture supernatant by 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 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

Target Details

	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:	Q77HM6

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months