

Anti-MPXV/A29 Antibody (5R79)

Product Details

Ig Type:	IgG1
Reactivity:	MPXV
Molecular Weight:	Theoretical: 12.5 kDa.
Clone:	5R79

Applications

Verified Activity:	Measured by its binding ability in a indirect ELISA. Immobilized MPXV A29L protein, HisTag at 2 µg/mL (100 µL/well) can bind Mouse anti-MPXV A29L Antibody, the EC50 is 29.83 ng/mL.
Application:	ELISA
Recommended	ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Monkeypox Virus (MPXV) A29 Protein
Antigen Species:	MPXV/A29L
Uniprot ID:	Q77HM6

Research 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 to the skin of the whole body, causing lesions.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481