Anti-MPXV A29L IgG Antibody [Clone MA01]

Catalog Number	LDG0147YA
Package	Customized package / 100 µg

For full product information, images and publications, please visit our website.

Overview

Description

Anti-MPXV A29L IgG Antibody recognize Monkeypox virus (MPXV) A29L proteins. MPXV, a close relative of variola virus, is a double-stranded DNA virus and belongs to the Orthopoxvirus genus of the Orthopox family. The poxvirus genome size is from 130 kb to 360 kb. MPXV A29L protein is the homolog of vaccinia virus Copenhagen A27 and interacts with heparin on the cell surface to mediate cell fusion.

Product Note

Recommended dilution factor:
ELISA: 1:5000-20000
WB: 1:1000-5000
IFA:1: 500-1000
FACS: Assay dependent

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

Specifications

Clonality Recombinant Mouse IgG	**Isotype** IgG2a
Clone Name clone MA01	**Reactivity** Monkeypox virus
Application ELISA, WB, IFA, FACS	**Conjugation** Unconjugated

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Concentration

1 mg/mL

Storage Buffer

Phosphate Buffered Saline containing 0.03% ProClin 300, pH 7.4.

Specificity

A29L protein

Form

Liquid

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.
Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.

Image

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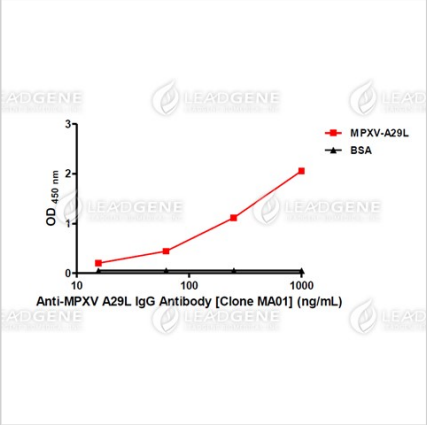

ELISA titration of Anti-MPXV A29L IgG Antibody [Clone MA01]
Titration curve of Anti-MPXV A29L IgG antibody in ELISA. Red: MPXV-A29L; Black: BSA (negative control).

Disclaimer : For Research Use or Further Manufacturing Only.

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