

Anti-MPXV A29L Antibody [Clone 19-1]

Catalog Number	LDG0189YA
Package	100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Overview

Description

Monkeypox is a zoonotic disease caused by the Monkeypox virus (MPXV), a DNA virus that belongs to the Orthopoxvirus genus, which also includes Variola virus (smallpox) and Cowpox virus. The MPXV A29L protein is a structural protein and is homologous to the vaccinia virus Copenhagen A27 protein. It is a critical component of the virus particle and is essential for viral entry by interacting with heparin on the cell surfaces. Anti-MPXV A29L Antibody [Clone 19-1] recognize Monkeypox virus (MPXV) A29L protein.

Product Note

Recommended dilution factor:

ELISA: 1:5000-20000

IFA: 1:500-1:1000

FACS: Assay dependent

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

Specifications

Host Mouse	Clonality Monoclonal
Isotype IgG1	Clone Name clone 19-1
Immunogen Recombinant MPXV A29L protein	Reactivity Monkeypox virus

Application

ELISA, WB, IFA

Conjugation

Unconjugated

Concentration

1 mg/mL

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

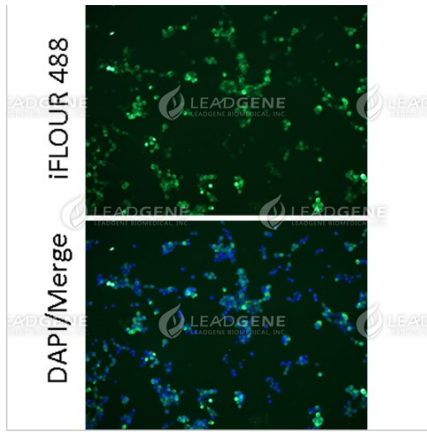
This product is stable after storage at:

- 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.

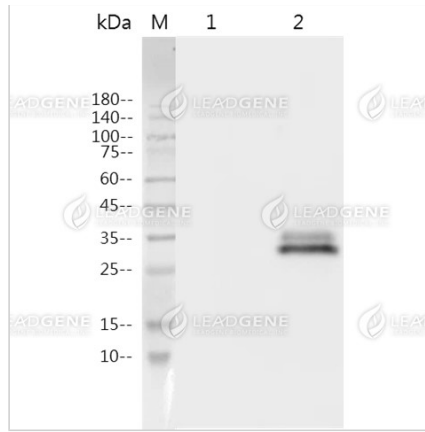
Avoid repeated freeze/thaw cycles.

Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.

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Immunofluorescence analysis of Anti-MPXV A29L Antibody [Clone 19-1].



Western blotting analysis of Anti-MPXV A29L Antibody [Clone 19-1]
Western blot: A29L expressed 293T cell lysates were stained with mouse anti-MPXV A29L monoclonal antibody.
Lane 1: 293T mock cell lysate, Lane 2: 293T MPXV cell lysate.

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