

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

Isotype

IgG1

Immunogen

Recombinant MPXV A29L protein

Clonality

Monoclonal

Clone Name

clone 19-1

Reactivity

Monkeypox virus

Application

ELISA, WB, IFA

Concentration

1 mg/mL

Specificity

A29L protein

Conjugation

Unconjugated

Buffer

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

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:

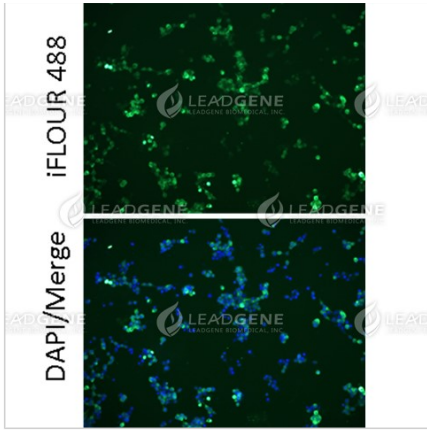
- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

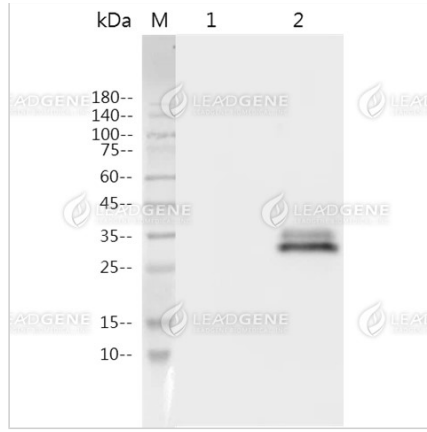
Suggestion: Divide antibody into several vials.

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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