

## 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

#### Tainan Headquarter

+886-6-2536677 +886-6-2531536

info@leadgene.com.tw

#### Taipei Office

+886-2-27065528

**Application**

ELISA, WB, IFA

**Concentration**

1 mg/mL

**Specificity**

A29L protein

**Conjugation**

Unconjugated

**Storage 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:

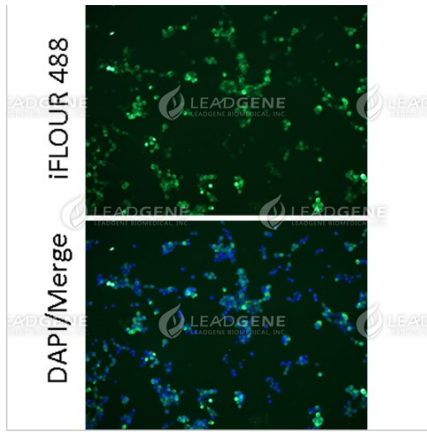
- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

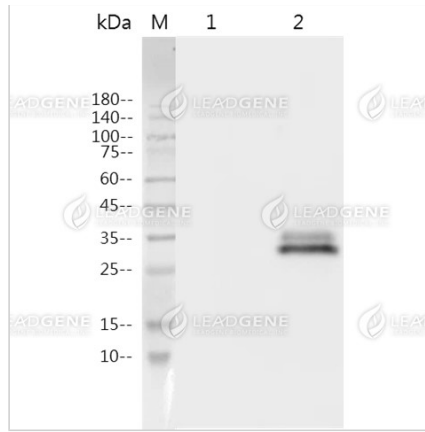
Suggestion: Divide antibody into several vials.

Keep only vials for usage at 2-8°C.

**Image****Tainan Headquarter** +886-6-2536677  +886-6-2531536 [info@leadgene.com.tw](mailto:info@leadgene.com.tw)**Taipei Office** +886-2-27065528



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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