

Anti-MPXV L1R Antibody [Clone 5-1]

Catalog Number LDG0190YA

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 L1R protein is a type I transmembrane protein and is homologous to the vaccinia virus Copenhagen J1R protein. It plays a critical role in the virus's outer membrane and is essential for virus-host interactions. Anti-MPXV M1R Antibody [Clone 82-4] recognize Monkeypox virus (MPXV) M1R 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 5-1

Immunogen

Recombinant MPXV L1R protein

Reactivity

Monkeypox virus

Application

ELISA, WB, IFA

Concentration

1 mg/mL

Specificity

L1R 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:

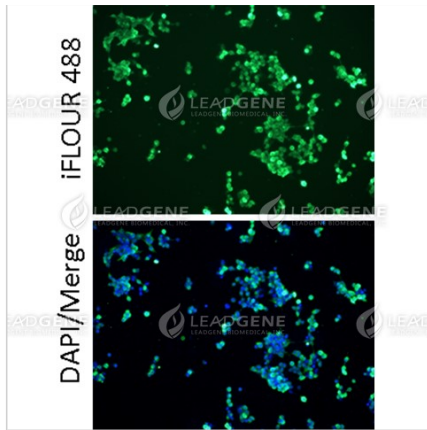
- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

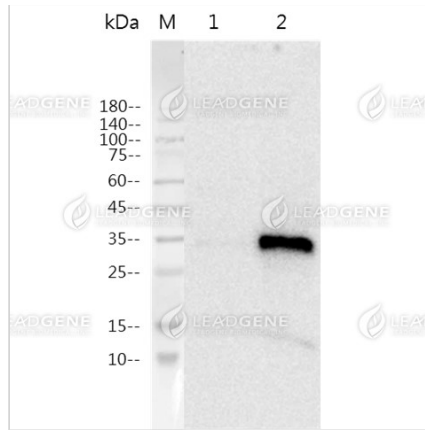
Suggestion: Divide antibody into several vials.

Keep only vials for usage at 2-8°C.

Image**Tainan Headquarter** +886-6-2536677 info@leadgene.com.tw**Innovation & Research Center** +886-2-27065528**CLD Center**



Immunofluorescence analysis of Anti-MPXV L1R Antibody [Clone 5-1].



Western blotting analysis of Anti-MPXV L1R Antibody [Clone 5-1]
 Western blot: L1R expressed 293T cell lysates were stained with mouse anti-MPXV L1R monoclonal antibody. Lane 1: 293T mock cell lysate, Lane 2: 293T MPXV cell lysate.

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