Anti-MPXV M1R VHH Antibody [Clone MM02]

Catalog Number	LDG0155YA
Package	Customized package / 100 µg

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

Overview

Description

Anti-MPXV M1R VHH Antibody recognize Monkeypox virus (MPXV) M1R 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 M1R protein is the homolog of vaccinia virus L1 protein and plays an important role in virion assembly, virus entry and maturation.

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	**Isotype**
Recombinant VHH-Human IgG	IgG1
Clone Name	**Reactivity**
Clone MM02	Monkeypox virus
Application	**Conjugation**
ELISA, WB, IFA, FACS	Unconjugated

Concentration

1 mg/mL

Storage Buffer

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

Specificity

M1R 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.
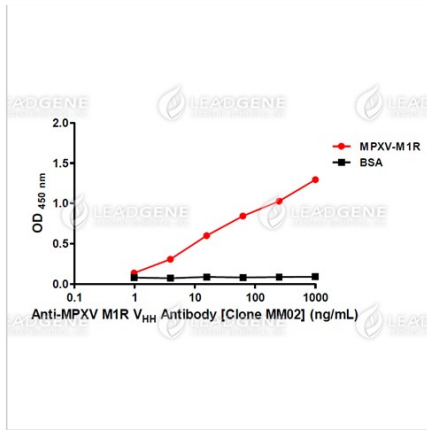
Stability & Storage

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

ELISA titration of Anti-MPXV M1R
VHH Antibody [Clone MM02]
Titration curve of anti-MPXV M1R
VHH antibody in ELISA. Red: MPXV-
M1R; Black: BSA (negative control).

Disclaimer : For Research Use or Further Manufacturing Only.

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