

## Anti-Camelpox virus CamMLVgp211 Monoclonal Antibody (MP-K06) (Mouse IgG)

Cat: MPYF-0922-KX871

This product is for research use only and is not intended for diagnostic use.

The antibody customized production platform is used to screen the mouse monoclonal antibodies with at least 5 synthetic peptides of Camelpox virus CamMLVgp211. The mAb with highest affinity will be selected. The selected antibody recognizes Camelpox virus CamMLVgp211. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

### Product Description

|                    |                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Target             | CamMLVgp211                                                                                                                 |
| Species Reactivity | Camelpox virus                                                                                                              |
| Strain             | M-96                                                                                                                        |
| Cross Reactivity   | CamMLVgp211                                                                                                                 |
| Specificity        | This antibody recognizes Camelpox virus CamMLVgp211.                                                                        |
| Antibody Isotype   | Mouse IgG                                                                                                                   |
| Clone              | MP-K06                                                                                                                      |
| Clonality          | Monoclonal Antibody                                                                                                         |
| Purification       | ≥95% (SDS-PAGE)                                                                                                             |
| Applications       | WB (Other applications need to be tested.)                                                                                  |
| Buffer             | PBS, pH 7.4                                                                                                                 |
| Storage            | Store at 4°C for short term (1 week), store at -20°C to -80°C for long term (1 year).<br>Avoid repeated freeze-thaw cycles. |

### Target

|              |                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Target       | CamMLVgp211                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Name    | CamMLVgp211                                                                                                                                                                                                                                                                                                                                                                                                        |
| Introduction | Camelpox is an economically important, contagious, often sporadic skin disease of camelids. The Camelpox virus (CMLV), which causes the disease, is closely linked to the Variola virus (VARV), which causes smallpox. Camelpox is confined to camel-rearing belts, primarily in developing nations, and has a negative economic impact due to significant illness, death, weight loss, and milk yield reductions. |

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| Alternative Names | CamMLVgp211; chemokine binding protein; similar to vaccinia virus Copenhagen B2 9R/C23L; interacts with CC and CXC chemokines to modulate host immune response; the poxviridae are enveloped unsegmented dsDNA viruses; unlike many dsDNA viruses that replicate in the host nucleus poxviruses encode their own replication machinery and therefore replicate in the cytoplasm; viral genes are expressed in a bi-phasic manner with early genes encoding non-structural proteins involved in genome replication and late genes encoding the viral structural proteins |
| Official Symbol   | Putative chemokine binding protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID           | <a href="#">932558</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt ID        | <a href="#">Q8UYE5</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |