
Anti-Pseudocowpox Virus PCPV_gp020 Monoclonal Antibody (MP-K2217) (Mouse IgG)

Cat: MPYF-1122-KX1417

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 Pseudocowpox Virus PCPV_gp020. The mAb with highest affinity will be selected. The selected antibody recognizes Pseudocowpox Virus PCPV_gp020. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

Product Description

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| Target | PCPV_gp020 |
| Species Reactivity | Pseudocowpox Virus |
| Strain | VR634 |
| Cross Reactivity | PCPV_gp020 |
| Specificity | This antibody recognizes monkeypox virus (MPXV) PCPV_gp020. |
| Antibody Isotype | Mouse IgG |
| Clone | MP-K2217 |
| Clonality | Monoclonal Antibody |
| Purity | ≥95% (SDS-PAGE) |
| Purification | Purified by Protein A/G chromatography. |
| 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). Avoid repeated freeze-thaw cycles. |

Target

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| Target | PCPV_gp020 |
| Gene Name | PCPV_gp020 |
| Introduction | PCPV belongs to the family of poxviruses, which includes several members of the virus with economic impact. PCPV has a linear double-stranded DNA genome of 145 kb in length with high GC content and 134 open reading frames (ORFs). The PCPV linear genome contains central and terminal regions. The central region is |

responsible for expressing structural proteins and factors related to viral proliferation while the two terminal regions are closely related to genes related to virulence factors.

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| Alternative Names | PCPV_gp020; poly(A)-polymerase subunit |
| Official Symbol | poly(A)-polymerase subunit |
| Gene ID | 8797221 |
| UniProt ID | D3IZG5 |
