
Anti-Pseudocowpox Virus PCPV_gp043 Monoclonal Antibody (MP-K2249) (Mouse IgG)

Cat: MPYF-1122-KX1449

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_gp043. The mAb with highest affinity will be selected. The selected antibody recognizes Pseudocowpox Virus PCPV_gp043. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

Product Description

Target	PCPV_gp043
Species Reactivity	Pseudocowpox Virus
Strain	VR634
Cross Reactivity	PCPV_gp043
Specificity	This antibody recognizes monkeypox virus (MPXV) PCPV_gp043.
Antibody Isotype	Mouse IgG
Clone	MP-K2249
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

Target	PCPV_gp043
Gene Name	PCPV_gp043
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.

Alternative Names	PCPV_gp043; hypothetical protein
Official Symbol	hypothetical protein
Gene ID	8797244
UniProt ID	D3IZI8
