

Anti-Bovine Papular Stomatitis Virus BPSVgORF039 Monoclonal Antibody (MP-K1969) (Mouse IgG)

Cat: MPYF-1122-KX1169

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 Bovine Papular Stomatitis Virus BPSVgORF039. The mAb with highest affinity will be selected. The selected antibody recognizes Bovine Papular Stomatitis Virus BPSVgORF039. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

Product Description

Target	BPSVgORF039
Species Reactivity	Bovine Papular Stomatitis Virus
Strain	BV-AR02
Cross Reactivity	BPSVgORF039
Specificity	This antibody recognizes monkeypox virus (MPXV) BPSVgORF039.
Antibody Isotype	Mouse IgG
Clone	MP-K1969
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	BPSVgORF039
Gene Name	BPSVgORF039
Introduction	Similar to other poxviruses, the BPSV genome contains a crucial central coding region delimited by two inverted terminal repeat (ITR) regions.

Alternative Names	BPSVgORF039; ORF039 hypothetical protein; unknown function; Similar to Vaccinia virus strain Copenhagen G3L and Molluscum contagiosum virus MC057L; Viruses of the genus parapoxvirus cause localized diseases in large and small ruminants; 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; Orf virus and BPSV are capable of infecting humans but usually infect sheep, goats and cattle
Official Symbol	hypothetical protein
Gene ID	2947928
UniProt ID	Q6TVF0