
Anti-Bovine Papular Stomatitis Virus BPSVgORF107 Monoclonal Antibody (MP-K1919) (Mouse IgG)

Cat: MPYF-1122-KX1119

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 BPSVgORF107. The mAb with highest affinity will be selected. The selected antibody recognizes Bovine Papular Stomatitis Virus BPSVgORF107. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

Product Description

Target	BPSVgORF107
Species Reactivity	Bovine Papular Stomatitis Virus
Strain	BV-AR02
Cross Reactivity	BPSVgORF107
Specificity	This antibody recognizes monkeypox virus (MPXV) BPSVgORF107.
Antibody Isotype	Mouse IgG
Clone	MP-K1919
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	BPSVgORF107
Gene Name	BPSVgORF107
Introduction	Similar to other poxviruses, the BPSV genome contains a crucial central coding region delimited by two inverted terminal repeat (ITR) regions.
Alternative Names	BPSVgORF107; ORF107 virion morphogenesis; viral structural protein; involved in

viral assembly; similar to Vaccinia virus strain Copenhagen A30L protein; 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	ORF107 virion morphogenesis
Gene ID	2947885
UniProt ID	Q6TV81