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## Anti-Orf Virus (Sore Mouth Infection) ORFVgORF112 Monoclonal Antibody (MP-K2002) (Mouse IgG)

Cat: MPYF-1122-KX1202

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 Orf Virus (Sore Mouth Infection) ORFVgORF112. The mAb with highest affinity will be selected. The selected antibody recognizes Orf Virus (Sore Mouth Infection) ORFVgORF112. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

### Product Description

Target	ORFVgORF112
Species Reactivity	Orf Virus (Sore Mouth Infection)
Strain	OV-SA00
Cross Reactivity	ORFVgORF112
Specificity	This antibody recognizes monkeypox virus (MPXV) ORFVgORF112.
Antibody Isotype	Mouse IgG
Clone	MP-K2002
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	ORFVgORF112
Gene Name	ORFVgORF112
Introduction	ORFV, a typical member of the Poxviridae family, is a large oval double-stranded DNA virus. The ORFV genome is approximately 140 kb and contains 132 genes. ORFVs include highly variable terminal regions and relatively conserved central

regions. Terminal regions are involved in virulence, pathogenesis, and immune evasion.

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Alternative Names	ORFVgORF112; ORF112 putative chemokine-binding protein
Official Symbol	ORF112 putative chemokine-binding protein
Gene ID	<a href="#">2947697</a>
UniProt ID	<a href="#">Q6TVK8</a>

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