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## Anti-Sheepox Virus SPPV\_23 Monoclonal Antibody (MP-K2980) (Mouse IgG)

**Cat: MPYF-1222-KX1514**

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 Sheepox Virus SPPV\_23. The mAb with highest affinity will be selected. The selected antibody recognizes Sheepox Virus SPPV\_23. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

### Product Description

Target	SPPV_23
Species Reactivity	Sheepox Virus
Strain	TU-V02127
Cross Reactivity	SPPV_23
Specificity	This antibody recognizes Sheepox Virus SPPV_23.
Antibody Isotype	Mouse IgG
Clone	MP-K2980
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	SPPV_23
Gene Name	SPPV_23
Introduction	The sheepox virus is a poxvirus belonging to the genus Capripoxvirus. The natural hosts of SPV are domesticated and wild sheep. The younger and older populations of the sheep and lactating sheep are more susceptible to SPV. SPV infection causes a devastating viral systemic disease that is defined by constant fever, widespread skin pox lesions, vesicles on non-wool skin, generalized papules or

nodules, internal lesions of the respiratory and gastrointestinal mucosa, and ultimately leads to death.

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Alternative Names	SPPV_23; EEV maturation protein; similar to vaccinia virus strain Copenhagen F12L; facilitates the transport of intracellular viral particles to the cell membrane; in its absence particles are assembled but remain intracellular and do not traffic to cell membrane; 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
Official Symbol	EEV maturation protein
Gene ID	<a href="#">944694</a>
UniProt ID	<a href="#">A0A3F2YKI3</a>

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