
Anti-Volepox virus VPXV-CA-020 Monoclonal Antibody (MP-K1835) (Mouse IgG)

Cat: MPYF-1122-KX1035

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 Volepox virus VPXV-CA-020. The mAb with highest affinity will be selected. The selected antibody recognizes Volepox virus VPXV-CA-020. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

Product Description

Target	VPXV-CA-020
Species Reactivity	Volepox virus
Strain	CA
Cross Reactivity	VPXV-CA-020
Specificity	This antibody recognizes monkeypox virus (MPXV) VPXV-CA-020.
Antibody Isotype	Mouse IgG
Clone	MP-K1835
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	VPXV-CA-020
Gene Name	VPXV-CA-020
Introduction	The Orthopoxvirus family includes the double-stranded DNA virus VPX. On the chorioallantoic membranes of chick embryos, VPX caused pinpoint, nonhemorrhagic pocks. There was a significant amount of cross-hybridization between the DNAs of VPX and other orthopoxviruses, however HindIII cleavage site maps revealed distinct central and terminal regions between VPX (222.8 kbp) and mapped DNAs of

other orthopoxviruses.

Alternative Names	BI079_gp020; type 1 ifn inhibitor; VPXV-CA-020
Official Symbol	type 1 ifn inhibitor
Gene ID	29063967
UniProt ID	A0A1C9KC52
