
Anti-Variola (Smallpox) Virus E2L Monoclonal Antibody (MP-K1631) (Mouse IgG)

Cat: MPYF-1022-KX1697

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 Variola (Smallpox) Virus E2L. The mAb with highest affinity will be selected. The selected antibody recognizes Variola (Smallpox) Virus E2L. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

Product Description

Target	E2L
Species Reactivity	Variola (Smallpox) Virus
Strain	India-1967, Ind3
Cross Reactivity	E2L
Specificity	This antibody recognizes Variola (Smallpox) Virus E2L.
Antibody Isotype	Mouse IgG
Clone	MP-K1631
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

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Gene Name	E2L
Introduction	Variola virus is a sizable, brick-shaped virus that is between 302 and 350 nm and 244 and 270 nm in size. It has a single, linear, double-stranded DNA genome that is 186 kbp in size and has a hairpin loop at each end. Variola major and variola minor are the two traditional subtypes of smallpox. Although monkeys and other animals have contracted the virus in an experimental environment, variola only infects

humans in nature.

Alternative Names	E2L; Uncharacterized protein; VARVgp043
Official Symbol	Uncharacterized Protein
Gene ID	1486408
UniProt ID	P33862
