

Anti-Variola (Smallpox) Virus K3L Monoclonal Antibody (MP-K1494) (Mouse IgG)

Cat: MPYF-1022-KX1560

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 K3L. The mAb with highest affinity will be selected. The selected antibody recognizes Variola (Smallpox) Virus K3L. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

Product Description

Target	K3L
Species Reactivity	Variola (Smallpox) Virus
Strain	India-1967, Ind3
Cross Reactivity	K3L
Specificity	This antibody recognizes Variola (Smallpox) Virus K3L.
Antibody Isotype	Mouse IgG
Clone	MP-K1494
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	K3L
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 h

ave contracted the virus in an experimental environment, variola only infects humans in nature.

Alternative Names	K3L; DNA-binding phosphoprotein; VARVgp057
Official Symbol	Dna-Binding Phosphoprotein
Gene ID	1486458
UniProt ID	P0DOP3