
Anti-Variola (Smallpox) Virus G4R Monoclonal Antibody (MP-K1616) (Mouse IgG)

Cat: MPYF-1022-KX1682

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 G4R. The mAb with highest affinity will be selected. The selected antibody recognizes Variola (Smallpox) Virus G4R. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

Product Description

Target	G4R
Species Reactivity	Variola (Smallpox) Virus
Strain	India-1967, Ind3
Cross Reactivity	G4R
Specificity	This antibody recognizes Variola (Smallpox) Virus G4R.
Antibody Isotype	Mouse IgG
Clone	MP-K1616
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	G4R
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	G4R; Uncharacterized protein; VARVgp196
Official Symbol	Uncharacterized Protein
Gene ID	1486427
UniProt ID	P0DSV7