

Anti-Lumpy Skin Disease Virus LSDV150 Monoclonal Antibody (MP-K3387) (Mouse IgG)

Cat: MPYF-1222-KX1921

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 Lumpy Skin Disease Virus LSDV150. The mAb with highest affinity will be selected. The selected antibody recognizes Lumpy Skin Disease Virus LSDV150. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

Product Description

Target	LSDV150
Species Reactivity	Lumpy Skin Disease Virus
Strain	Neethling 2490
Cross Reactivity	LSDV150
Specificity	This antibody recognizes Lumpy Skin Disease Virus LSDV150.
Antibody Isotype	Mouse IgG
Clone	MP-K3387
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	LSDV150
Introduction	Lumpy skin disease virus is a contagious poxvirus belonging to the genus Capripoxvirus. LSDV was first found in southern Africa and spread through the Middle East to the European countries and Russia. The natural hosts of LSDV are limited within the non-ruminants. LSDV primarily affects cattle and zebus, sometimes giraffes, water

buffalo, and impalas, while goats and sheep do not develop lumpy skin disease (LSD) after exposure to this virus.

Alternative Names	LSDV150; hypothetical protein; similar to Vaccinia virus strain Copenhagen A52R; 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	hypothetical protein
Gene ID	921547
UniProt ID	Q91ML4