



Magic™ Human Anti-MPXV A35R Monoclonal antibody, clone L04 (DMAB-CS24425)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	MPXV A35R
Target	MPXV A35R
Isotype	IgG
Source/Host	Human
Species Reactivity	MPXV
Clone	L04
Conjugate	unconjugated
Applications	LFIA
Format	Liquid
Size	1 mg
Buffer	Tris-Gly
Preservative	None
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction	Monkeypox virus (MPV or MPXV) is a double-stranded DNA virus that causes monkeypox in humans and other animals. It belongs to the genus Orthopoxvirus in the family Poxviridae. It is
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one of the human orthopoxviruses that includes variola (VARV), cowpox (CPX), and vaccinia (VACV) viruses. It is not a direct ancestor to, nor a direct descendant of, the variola virus, which causes smallpox. Monkeypox disease is similar to smallpox, but with a milder rash and lower mortality rate. Variation in virulence of the virus has been observed in isolates from Central Africa, where strains are more virulent than those from Western Africa. The two areas have distinct clades of the virus, termed Congo Basin (Central African) and West African clades.

Keywords

Monkeypox Virus; MPXV; Monkeypox Virus A35R; MPXV A35R; A35R
