

Monkeypox Virus (MPXV) Envelope protein E8L Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 40890-MM16

GENERAL INFORMATION

Immunogen:	Recombinant Monkeypox Virus (MPXV) Envelope protein E8L Protein (Catalog# 40890-V08B)
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Monkeypox Virus (MPXV) Envelope protein E8L (Catalog# 40890-V08B; QNP13700.1; Met1-Thr275). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	16
Specificity:	Monkeypox Virus (MPXV) Envelope protein E8L
	Has cross-reactivity in WB and ELISA with Monkeypox Virus (MPXV) (Clade Ib) Envelope protein E8L Protein (Cat# 41042-V08H)
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications:	WB, ELISA, ELISA(Cap)
	IHC, FCM, IF, IP et al. applications haven't been validated. (Antibody's applications haven't been validated with corresponding virus positive samples. Optimal concentrations/dilutions should be determined by the end user.)

RECOMMENDED CONCENTRATION

Western Blot	WB: 1:1000-1:10000
ELISA	ELISA: 1:1000-1:2000
ELISA(Cap)	ELISA(Cap): 1:250-1:2000 In a sandwich ELISA, Cat# 40890-MM16 can be used as capture antibody when paired with Cat# 40890-MM15.

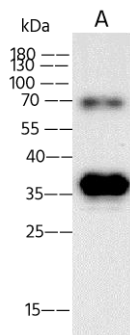
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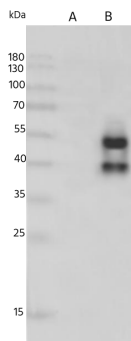


Anti-MPXV-E8L mouse monoclonal antibody
at 1:10000 dilution.

Lane A: Monkeypox Virus (MPXV) Envelope
protein E8L Protein (Cat# 40890-V08B)
(10ng)

Secondary
Goat Anti-Mouse IgG (H+L)/HRP at 1/10000
dilution

Developed using the ECL technique.
Performed under reducing conditions.



Anti-MPXV-E8L mouse monoclonal antibody
at 1:1000 dilution.

Lane A: Monkeypox Virus (MPXV) (Clade Ib)
Protein A35R (Cat# 41043-V08H) (10ng)
Lane B: Monkeypox Virus (MPXV) (Clade Ib)
Envelope protein E8L Protein (Cat# 41042-
V08H) (10ng)

Secondary
Goat Anti-Mouse IgG (H+L)/HRP at 1/10000
dilution

Developed using the ECL technique.
Performed under reducing conditions.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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