Anti-Vaccinia virus antibody, mouse monoclonal (I30)

Product code	65-040
Size	50 µg
Storage	-20℃
Concentration	1.0 mg/ml
Buffer	PBS- with 50% glycerol
Purity	Purified IgG fraction with protein A from hybridoma cell culture medium.
Immunogen	Vaccinia virus (strain Lister)
Isotype	Mouse IgG1κ
Reactivity	Vaccinia virus
Special notes	N/A
Application	1. Western blotting (1-10 µg/ml). 2. Immunofluorescence staining (10 µg/ml)
Background	Vaccinia virus was established as a vaccine strain for smallpox and contributed to the eradication of smallpox as a component of the smallpox vaccine. Currently, it is being studied as a vaccine vector and a virus for cancer therapy. Nine clones of monoclonal antibodies (I9, I22, I30, I49, I61, I88, I100, I106, and I117) were obtained by immunizing mice with inactivated Vaccinia virus. These are useful for detection of Vaccinia virus, and in addition, I100 MAb has strong neutralizing activity.
Data Link	N/A

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Data Images: 65-040 Anti-Vaccinia virus antibody, mouse monoclonal (I30)

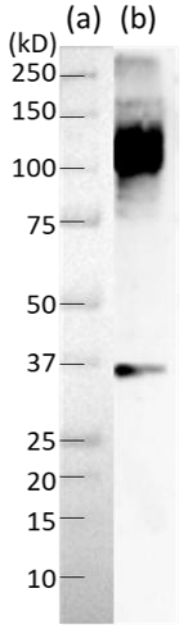

Fig.1. Identification of Vaccinia virus protein by Western Blotting with anti Vaccinia virus monoclonal antibody (I30).

Samples: Culture supernatants of Vaccinia virus infected RK13 cells.

(a) Molecular weight marker proteins

(b) Vaccinia virus (strain Lister)

Antibody concentration: 10 µg/ml

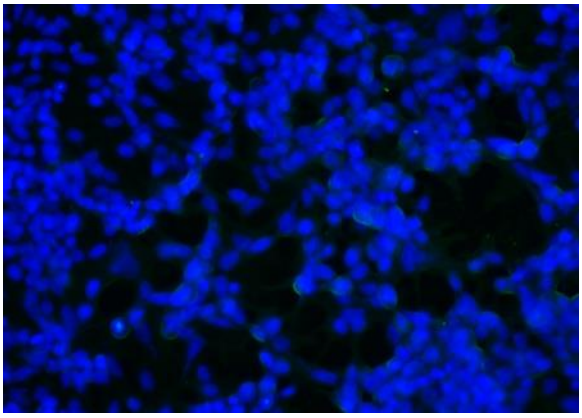

Fig.2. Staining of Vaccinia virus in the virus-infected cells (RK13) by indirect immunostaining with anti-Vaccinia virus monoclonal antibody, I30.

Fixed with 4% HCHO/PBS

Reference: This antibody has not yet been used in publication.

Related Product

65-041 Anti-Vaccinia virus antibody, mouse monoclonal (I106)

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