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12-8113: Recombinant Anti-Monkeypox B5 Antibody(Clone: MPXV-13)

Clonality :	Monoclonal
Clone Name :	MPXV-13
Application :	ELISA
Alternative Name :	MPXV
Isotype :	Human IgG1
Immunogen Information :	Sequenced from PBMCs from a donor who had recovered from a naturally-occurring MPXV infection

Description

Expression Host : HEK-293

Reactivity Species : Vaccinia,Variola,Cowpox,Monkeypox,Virus

Specificity : MPXV-13 reacts to B5, an EV surface antigen. This antibody also reacts to VACV antigen and lysate, CPXV lysate, MPXV lysate, and VARV antigen and lysate. MPXV-13 weakly binds to VACV purified antigen, VACV and MPXV virus-infected cell lysates, and strongly binds VARV purified antigen and CPXV virus-infected cell lysate. MPXV-13 neutralizes VACV EV plus complement (+C') but not MV, MV+C', or EV. MPXV-13 also binds to CPXV EV+C' but not EV. MPXV-13 does not neutralize MPXV MV, MV+C', EV, or EV+C'.

Product Info

Amount :	100 µg (1mg/mL)
Purification :	95% monomer by analytical SEC
Content :	1.0 mg/ml . This recombinant monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.
Storage condition :	Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one year. For longer term storage, aseptically aliquot in working volumes without diluting and store at -70°C. Avoid Repeated Freeze Thaw Cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.