

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MPXV-13
<b>Application :</b>	ELISA
<b>Alternative Name :</b>	MPXV
<b>Isotype :</b>	Human IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 µg (1mg/mL)
<b>Purification :</b>	≥95% monomer by analytical SEC
<b>Content :</b>	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.
<b>Storage condition :</b>	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.