Datasheet for ABIN7539226
Recombinant anti-MPXV B6R antibody

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Overview

Quantity:	1 mg
Target:	MPXV B6R
Reactivity:	Mpox Virus
Host:	Human
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Application:	ELISA

Product Details

Purpose:	anti-Monkeypox Virus B6R Antibiose (Human - Clone #100) - Monoclonal
Clone:	1E2
Isotype:	IgG1
Characteristics:	This antibody is expressed in HEK293 cells and and was purified using a combination of Protein A/G chromatography. It is reactive against the EV membrane protein of monkeypox virus (Homologous to Vaccinia virus B5R). It 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. This product is sold for research use only. Optimal working concentrations should be determined by each researcher.
Purification:	This human recombinant IgG1 antibody is purified using a multiple step process to include Protein A or Protein G chromatography. It is produced using in vitro cell culture techniques.

Product Details

	Antibody concentration was determined using an absorbance at 280 nm: 1.4 equals 1.0 mg of IgG.
Purity:	Purified Protein

Target Details

Target:	MPXV B6R

Application Details

Application Notes:	This antibody reacts with monkeypox virus as determined by ELISA. Optimal working dilutions should be determined experimentally by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.2, 0.09 % Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody may be stored between 2°C and 8°C for up to 30 days. For long-term storage, aliquot and store at -80°C. Multiple freeze-thaw cycles are not recommended.
Expiry Date:	12 months