

Rabbit Anti-Chikungunya (CHIKV) 181/25 pAb Protein G Purified IgG

Catalog #: 04-008

Lot #: 1705003

Description:

Rabbit polyclonal antibody against CHIKV strain 181/25. Antibody was purified from antiserum using a Protein G column.

Immunogen/ Target:

Sucrose-purified virus from supernatant of Vero cells infected with CHIKV 181/25 strain.

Formulation & Storage: Supplied in PBS. Store at +4°C for 2-3 weeks, -20°C for long term.

Notes & Usage Guidelines:

Clonality/Isotype: Polyclonal; N/A

Host: Rabbit

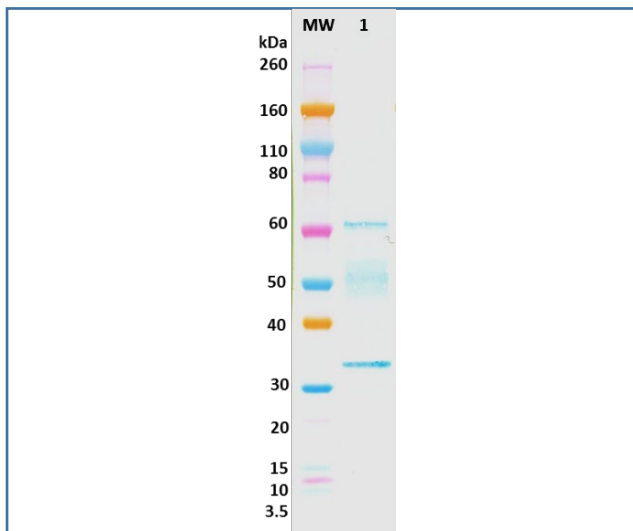
ELISA: Assay-dependent dilution

WB: Assay-dependent dilution

Applications

Western Blot Data:

Western blot data of 500 ng of sucrose-purified CHIKV 181/25 virus lysate, detected using 100 ng/mL of anti-CHIKV polyclonal antibody, followed by anti-rabbit IgG (H&L)-HRP and TMB Membrane Substrate. Specific signal against Chikungunya proteins, is observed in lane 1. MW denotes Novex® Sharp prestained protein markers.



ELISA Data:

CHIKV 181/25 virus lysate was diluted to 300 ng/well in PBS for plate coating. Anti-CHIKV polyclonal antibody was tested at 10 µg/mL, followed by semi-log dilutions, and incubated on the coated plates. Washed plate was detected with anti-rabbit IgG-HRP conjugate and TMB substrate. OD650 is reported below.

ELISA Data:

Rabbit anti-CHIKV pAb (µg/mL)	OD 650 nm
10.0000	3.255
3.1623	3.511
1.0000	3.455
0.3162	3.380
0.1000	2.813
0.0316	1.544
0.0100	0.714
0.0032	0.285
0.0010	0.128
0.0003	0.074
0.0001	0.056
0.0000	0.049

Certificate of Testing for:

Lot#: **1705003**

Volume: 500 µg

Concentration: 3.706 mg/mL

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