



TECH DATA SHEET

Zika Neutralizing Antibody

DESCRIPTION

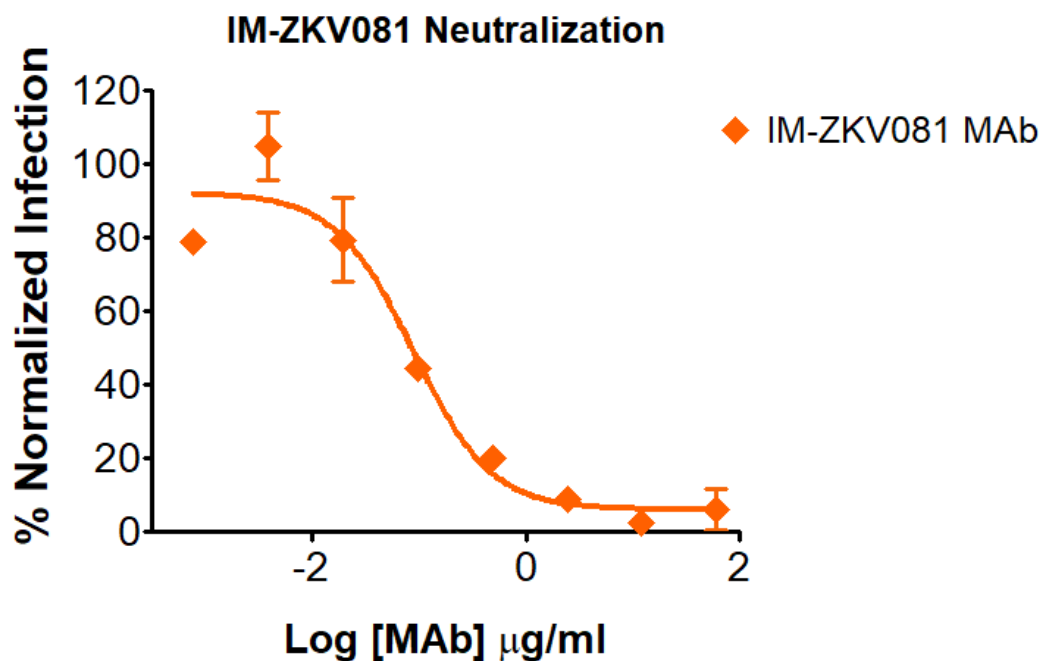
Product	Zika neutralizing monoclonal antibody
Catalog Number	IM-ZKV081
Lot number	03062019-A01
Isotype	Human IgG1
Source	Recombinant human
Purification Method	Protein A
Amount	100 µg (100 µL)
Protein Concentration	1 mg/mL
Applications	Flow cytometry (working concentration 1-10 µg/mL), neutralization assay*
Storage Buffer	Sterile-filtered, endotoxin-free, PBS buffer. Does not contain carrier protein or preservatives.

SAFETY & HANDLING

Safety	Antibodies are biological materials and should be handled with caution within a biological laboratory environment. Antibodies are for research only and should not be used for therapeutic or diagnostic purposes.
Stability and Storage	Upon receipt, store at 4°C for up to 1 year. For long-term storage, place at -80°C; avoid repeated freeze-thaw cycles.

*Optimal working concentrations for each assay should be established by a titration experiment performed by the end user.

NEUTRALIZATION DATA



Neutralization experiments were conducted using 5 μL of Zika *Renilla* Luciferase RVPs (INTG Cat # RVP-601L) in a 384-well plate using HEK-293T cells.

Renilla luciferase activity measured using the Promega *Renilla*-Glo luciferase assay system (Promega #E2710). Sample luminescence was read using a Perkin-Elmer Envision plate reader.