

TECHNICAL DATA

ZIKV Antibody, human recombinant

Antibody name:	IM-ZKV-079
Product:	Monoclonal Antibody
Target name:	Zika prME
Isotype:	human IgG1
EC ₅₀ (ELISA):	3 ng/ml
Source:	Recombinant human
Immunogen:	Zika prME DNA and Subviral Particles
Purification method:	Protein A Chromatography
Lot Number:	031517
Amount:	50 µg
Protein Concentration:	1 mg/ml
Storage Buffer:	PBS

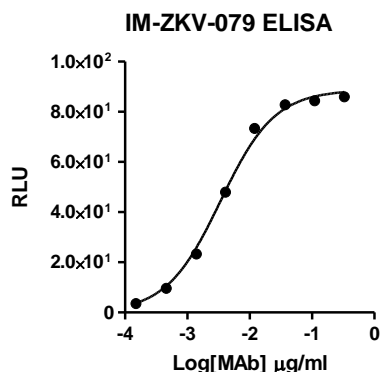


Figure1. ELISA was performed by coating Zika Reporter Virus Particles (RVPs) on a 96 well plate. Anti-Zika MAb was used to detect ZIKV RVPs. Bound anti-Zika MAb was detected by adding a HRP conjugated anti-human secondary antibody.

Safety & Handling

Upon receipt, store antibodies at -20 °C.

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

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions.

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Antibody name:	IM-ZKV-079
Product:	Monoclonal Antibody
Target name:	Zika prME
Isotype:	human IgG1
EC ₅₀ (ELISA):	8 ng/ml
Source:	Recombinant human
Immunogen:	Zika prME DNA and Subviral Particles
Purification method:	Protein A Chromatography
Lot Number:	121616
Amount:	250 µg
Protein Concentration:	1 mg/ml
Storage Buffer:	PBS

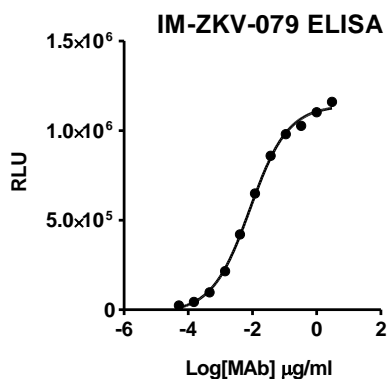


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TECHNICAL DATA**ZIKV Antibody, human recombinant**

Antibody name:	IM-ZKV-080
Product:	Monoclonal Antibody
Target name:	Zika prME
Isotype:	human IgG1
EC ₅₀ (ELISA):	5 ng/ml
Source:	Recombinant human
Immunogen:	Zika prME DNA and Subviral Particles
Purification method:	Protein A Chromatography
Lot Number:	110216B
Amount:	50 µg
Protein Concentration:	1 mg/ml
Storage Buffer:	PBS

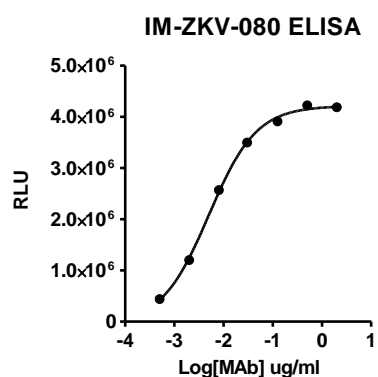


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TECHNICAL DATA

ZIKV Antibody, human recombinant

Antibody name:	IM-ZKV-081
Product:	Monoclonal Antibody
Target name:	Zika prME
Isotype:	human IgG1
EC ₅₀ (ELISA):	2100 ng/ml
IC ₅₀ (Neutralization):	120 ng/ml
Source:	Recombinant human
Immunogen:	Zika prME DNA and Subviral Particles
Purification method:	Protein A Chromatography
Lot Number:	111816
Amount:	50 µg
Protein Concentration:	1 mg/ml
Storage Buffer:	PBS

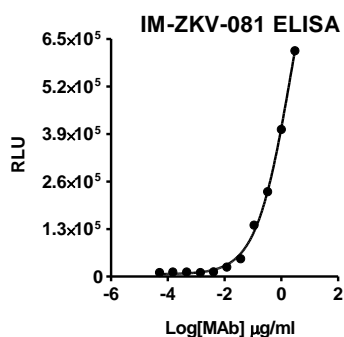


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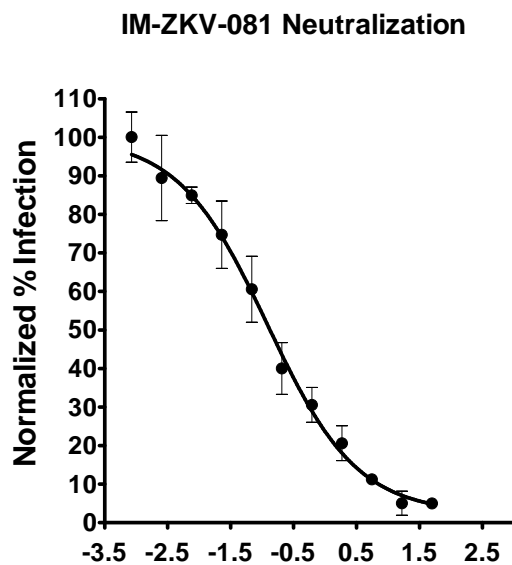


Figure 2. Anti-Zika (**IM-ZKV-081**) MAb was tested for the ability to neutralize the infectivity of Zika Reporter Virus Particles (RVPs). RVPs were pre-incubated with MAbs and infection of BHK-DC-SIGN target cells was detected by the expression of Renilla luciferase. Each data point is the mean of at least two replicates

TECHNICAL DATA

ZIKV Antibody, human recombinant

Antibody name:	IM-ZKV-086
Product:	Monoclonal Antibody
Target name:	Zika prME
Isotype:	human IgG1
EC ₅₀ (ELISA):	5 ng/ml
Source:	Recombinant human
Immunogen:	Zika prME DNA and Subviral Particles
Purification method:	Protein A Chromatography
Lot Number:	110216D
Amount:	50 µg
Protein Concentration:	0.675 mg/ml
Storage Buffer:	PBS

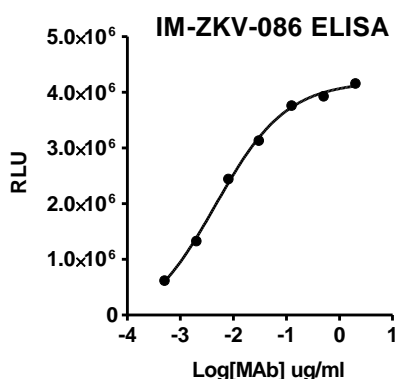


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