

**ARG66286**  
anti-Zika virus Envelope (E) protein antibody [SQab1749]Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [SQab1749] recognizes Zika virus Envelope (E) protein
Tested Reactivity	Virus
Tested Application	ELISA, FACS, ICC/IF, IHC-P, WB
Specificity	Do not cross-react with DENV E protein.
Host	Mouse
Clonality	Monoclonal
Clone	SQab1749
Isotype	IgG1
Target Name	Zika virus Envelope (E) protein
Species	Virus
Immunogen	Recombinant full length of ZIKV E protein (MR766).
Conjugation	Un-conjugated

### Application Instructions

Application table	Application	Dilution
	ELISA	1:3000 - 1:10000
	FACS	1:400 - 1:1000
	ICC/IF	1:400 - 1:1000
	IHC-P	Assay-dependent
	WB	1:1000 - 1:5000

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Buffer	PBS (pH 7.4) and 0.01% Thimerosal.
Preservative	0.01% Thimerosal
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

## Bioinformation

### Background

The mosquito-borne Zika virus (ZIKV) is prompting worldwide concern due to its connection to neurological disorders including microcephaly. Zika virus belongs to the flavivirus family which encompasses Dengue, yellow fever, West Nile and more different viruses. The connection of neurological disorders creates a need for further research into the ZIKV infection and therapeutic approaches.

For more ZIKA virus antibody and ZIKA virus antibody Duo products, please refer to [Choose the Best ZIKA Virus Antibodies](#).

### Highlight

Related products:

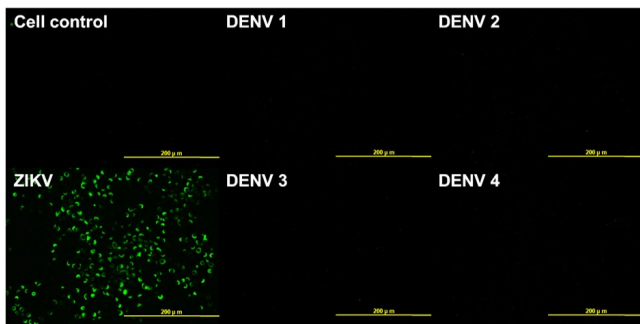
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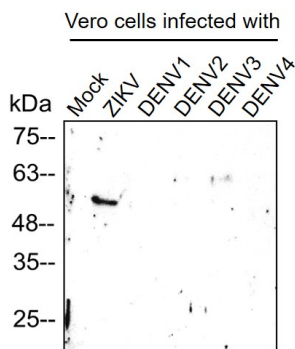
[Exploring Antiviral Immune Response](#)

## Images



ARG66286 anti-Zika virus Envelope (E) protein antibody [SQab1749] ICC/IF image

Immunofluorescence: ARG66286 anti-Zika virus Envelope (E) protein antibody [SQab1749] (1:400) were used for detecting ZIKV Envelope (E) protein.



ARG66286 anti-Zika virus Envelope (E) protein antibody [SQab1749] WB image

Western blot: 10  $\mu$ g of Vero cells Infected with 1) Mock, 2) ZIKV, 3) DENV1, 4) DENV2, 5) DENV3 and 6) DENV 4. Cell lysates were stained with ARG66286 anti-Zika virus Envelope (E) protein antibody [SQab1749] at 1:2000.