

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

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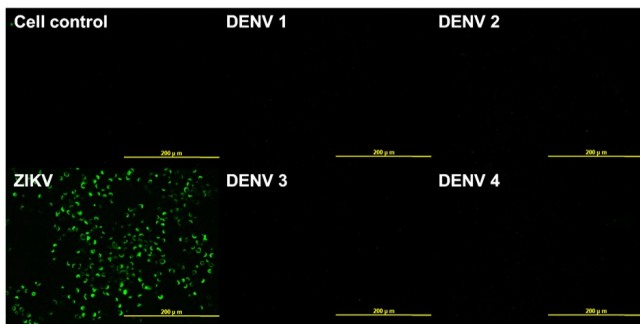
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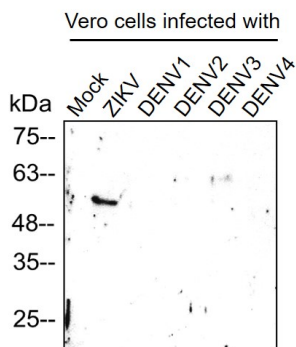
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Images



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 µg 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.