

ARG30277 Zika virus NS1 ELISA Duo

Package: 1 pair
Store at: -20°C, 4°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG65781	anti-Zika virus NS1 antibody [SQab1609]	Mouse mAb	Virus	ELISA, FACS, ICC/IF, IHC-P, IHC-Fr, WB	50 µg
ARG65783	anti-Zika virus NS1 antibody [SQab1610] (Biotin)	Mouse mAb	Virus	ELISA	50 µg

Summary

Product Description 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. Arigo offers monoclonal Zika virus antibodies and Zika virus NS1 ELISA Duo suitable for ELISA, FACS, ICC, IHC and WB. These antibody reagents are affinity purified and eliminated false positive resulting from cross-reactivity with other flaviviruses such as Dengue virus and Chikungunya virus.

Related news:

[New Zika Virus Envelope Protein Antibody](#)
[Exploring Antiviral Immune Response](#)

Target Name Zika virus NS1

Alternate Names Zika virus NS1 ELISA; Zika virus nonstructural protein 1 ELISA; Zika virus NS1 antibody; Biotin-conjugated Zika virus NS1 antibody

Properties

Form Liquid

Storage instruction Store antibodies at 4°C or -20°C. Please refer to the each product datasheet for detail temperatures of the antibodies.

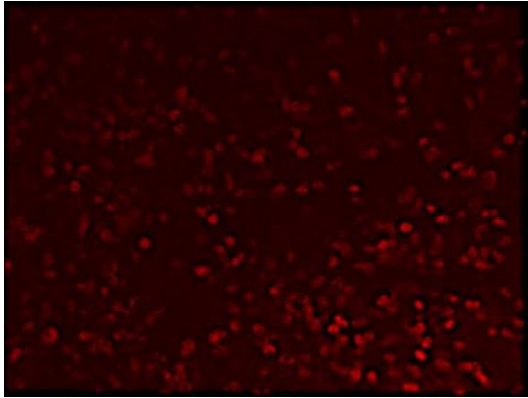
Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name Zika virus nonstructural protein 1 ELISA Duo

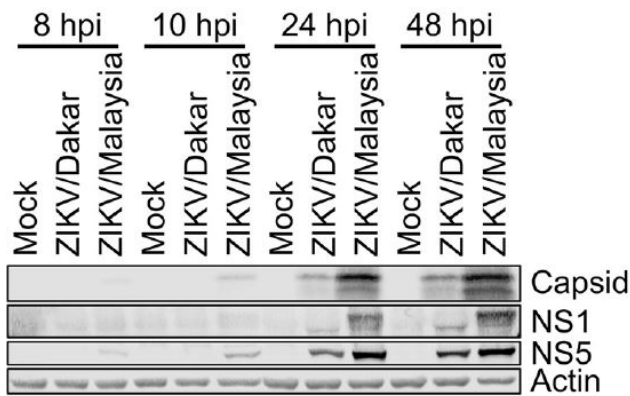
Background The mosquito-borne Zika virus (ZIKV) is prompting worldwide concern due to its connection to neurological disorders including microcephaly. Zika virus belongs to the flavivirus family which encompasses Dengue, yellow fever, West Nile and more different viruses. The connection of neurological 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](#)

Images

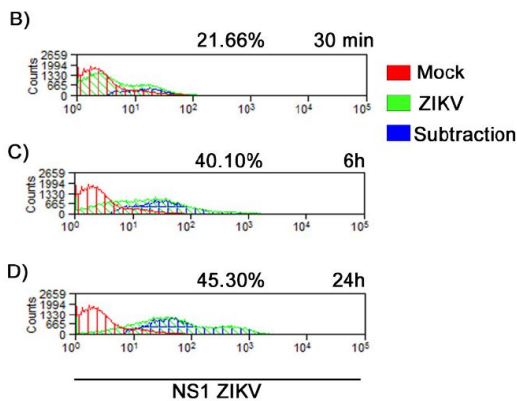


ARG65781 anti-Zika virus NS1 antibody [SQab1609] IHC-Fr image
 Immunohistochemistry: Frozen spleen tissue from *Monodelphis domestica* (ZIKV-PRV–inoculated) stained with ARG65781 anti-Zika virus NS1 antibody [SQab1609].

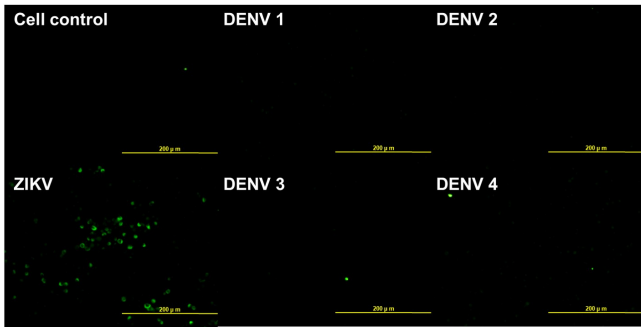
From André Filipe Pastor et al. *Viruses* (2025), [doi: 10.3390/v16121847](https://doi.org/10.3390/v16121847), Fig. 6.



ARG65781 anti-Zika virus NS1 antibody [SQab1609] WB image
 Western blot: A549 stained with ARG65781 anti-Zika virus NS1 antibody [SQab1609].
 From Lu AY et al. *J Virol.* (2023), [doi: 10.1128/jvi.01982-22](https://doi.org/10.1128/jvi.01982-22), Fig. 2. A.

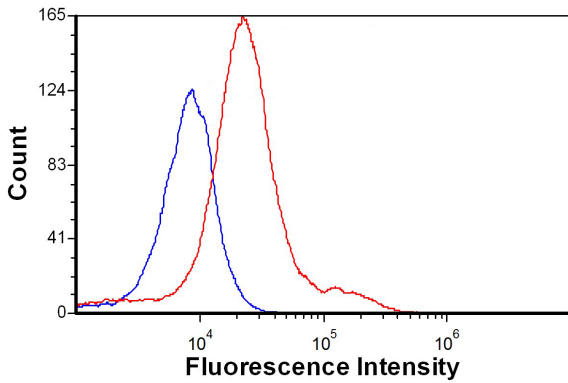


ARG65781 anti-Zika virus NS1 antibody [SQab1609] FACS image
 Flow Cytometry: HMC-1 stained with ARG65781 anti-Zika virus NS1 antibody [SQab1609].
 From Rabelo K et al. *Cells-* (2020), [doi: 10.3390/cells9040975](https://doi.org/10.3390/cells9040975), Fig. 2.



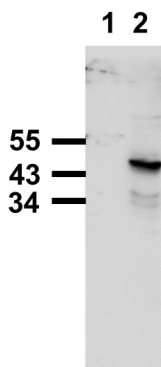
ARG65781 anti-Zika virus NS1 antibody [SQab1609] ICC/IF image

Immunofluorescence: ARG65781 anti-Zika virus NS1 antibody [SQab1609] (1:400) were used for detecting ZIKV NS1.



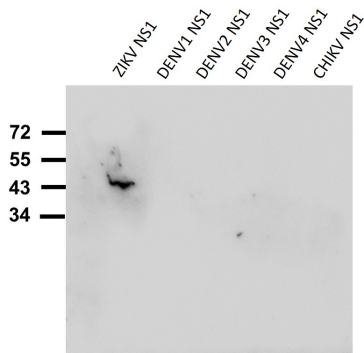
ARG65781 anti-Zika virus NS1 antibody [SQab1609] FACS image

Flow Cytometry: Zika virus NS1 expressing plasmid transfected (red) or non-transfected (blue) 293T cells stained with ARG65781 anti-Zika virus NS1 antibody [SQab1609] at 1:1000 dilution.



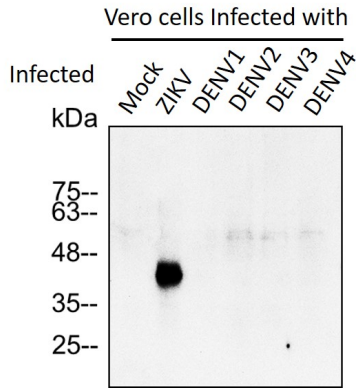
ARG65781 anti-Zika virus NS1 antibody [SQab1609] WB image

Western blot: 20 μg of 293T cell lysates transfected with 1) control plasmid or 2) Zika virus NS1 expression plasmid. The blots were stained with ARG65781 anti-Zika virus NS1 antibody [SQab1609] at 1:5000 dilution.



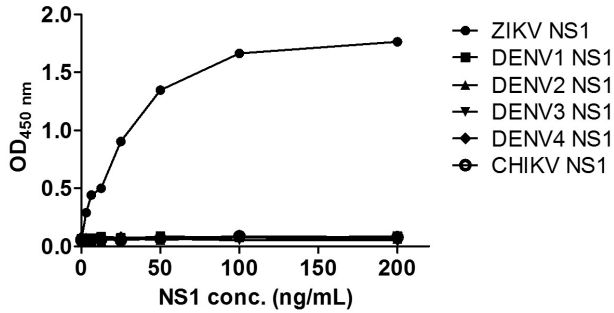
ARG65781 anti-Zika virus NS1 antibody [SQab1609] WB image

Western blot: 100 ng of 1) ZIKV NS1 (Purified from E.coli), 2) DENV1 NS1 (Purified from 293 cell), 3) DENV2 NS1 (Purified from 293 cell), 4) DENV3 NS1 (Purified from 293 cell), 5) DENV4 NS1 (Purified from 293 cell), and 6) CHIKV NS1 (Purified from 293 cell) stained with ARG65781 anti-Zika virus NS1 antibody [SQab1609] at 1:5000 dilution.



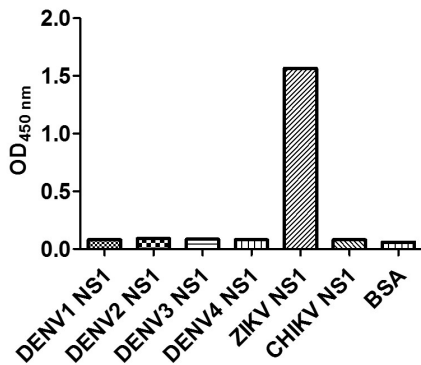
ARG65781 anti-Zika virus NS1 antibody [SQab1609] WB image

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 ARG65781 anti-Zika virus NS1 antibody [SQab1609] at 1:2000.



ARG65781 anti-Zika virus NS1 antibody [SQab1609] & ARG65783 anti-Zika virus NS1 antibody [SQab1610] (Biotin) ELISA image

ELISA: 293 cells expressed DENV1-4, CHIKV NS1 protein and E.coli expressed ZIKV NS1 protein detected by [ARG65781](#) anti-Zika virus NS1 antibody [SQab1609] as capture antibody (5 µg/ml), and [ARG65783](#) anti-Zika virus NS1 antibody [SQab1610] (Biotin) (1 µg/ml) as detection antibody, followed by incubation with streptavidin-HRP.



ARG65781 anti-Zika virus NS1 antibody [SQab1609] ELISA image

ELISA: ARG65781 anti-Zika virus NS1 antibody [SQab1609] (1:5000) were used for detecting ZIKV NS1. Each protein (1 µg/ml) were coated onto ELISA plate.