

Mouse Zika virus ZIKV-E/Envelope Monoclonal Antibody | anti-ZIKV-E antibody

Anti-Zika virus (ZIKV) (strain Zika SPH2015) ZIKV-E/Envelope Protein Monoclonal Antibody

CATALOG # AAA177032	HOST Mouse	REACTIVITY Zika virus	APPLICATIONS ELISA, Western Blot
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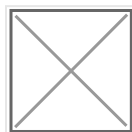
PRODUCT SYNONYMS

Zika virus ZIKV-E/Envelope; Monoclonal Antibody; Anti-Zika virus (ZIKV) (strain Zika SPH2015) ZIKV-E/Envelope Protein Monoclonal Antibody; E; Envelope Protein; anti-ZIKV-E antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Zika virus
Clonality	Monoclonal
Isotype	IgG1
Clone Number	09
Purity/Purification	Protein A Affinity
Form/Format	0.2um filtered solution in PBS
Applicable Applications for anti-ZIKV-E antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant ZIKV (strain Zika SPH2015) Envelope protein (Domain III, His Tag)
Note	Centrifuge before opening to ensure complete recovery of vial contents
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of Recombinant ZIKV (strain Zika SPH2015) Envelope protein (Domain III, His Tag) using Anti-Zika virus (ZIKV) (strain Zika SPH2015) ZIKV-E/Envelope Protein Monoclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-ZIKV-E antibody

Background: Envelope of Zika virus is responsible for receptor binding and membrane. Analysis of the envelope protein of Zika, from Brazilian Zika SPH215 (KU321639), indicates predicted B and T cell epitopes in peptides that are consistent to those reported for dengue, YFYF and Japanese encephalitis. The envelope Domain II B cell epitope, to which much dengue non-neutralizing cross reaction is attributed, is also conserved also in Zika virus, consistent with prior field observations of cross reactivity with dengue and YF. Domain III of the Zika envelope protein, likely the main specific neutralizing domain, is distinct from recent Brazilian dengue isolates and a recent Peruvian YF isolate (GQ379163), 76% of possible major histocompatibility complex class (MHC) I and MHC II binding peptides and potential B cell linear epitopes are unique to Zika virus

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/zika-virus-zikv-e-envelope-antibody-clone-09-western-blot-elisa/177032>