



Zika virus E protein ectodomain polyclonal antibody

Catalog: NCP0142P

Host: Rabbit

Reactivity: ZIKV-E

BackGround:

Zika virus (ZIKV) is an arbovirus belonging to the genus Flavivirus (Family Flaviviridae) and was first described in 1947 in Uganda following blood analyses of sentinel Rhesus monkeys¹. Until the 20th century, the African and Asian lineages of the virus did not cause meaningful infections in humans. However, in 2007, vectored by *Aedes aegypti* mosquitoes, ZIKV caused the first noteworthy epidemic on the island of Yap in Micronesia². Patients experienced fever, skin rash, arthralgia and conjunctivitis². Zika is spread mostly by the bite of an infected *Aedes* species mosquito (*Ae. aegypti* and *Ae. albopictus*). These mosquitoes bite during the day and night. Zika can be passed from a pregnant woman to her fetus. Infection during pregnancy can cause certain birth defects. There is no vaccine or medicine for Zika.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

Swiss-Prot:

KU744693.1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:2000

ELISA: 1:5000~10000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Zika virus E protein ectodomain polyclonal antibody detects endogenous levels of ZIKV-E protein.

DATA:

Note:

For research use only, not for use in diagnostic procedure.

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