Product datasheet

Recombinant West Nile Virus (E protein) ab48960

Description

Product name: Recombinant West Nile Virus (E protein)

Biological activity: Immunoreactive with sera from WNV-infected individuals.

Purity: > 95% SDS-PAGE.

Expression system: Escherichia coli

Protein length: Protein fragment

Animal free: No

Nature: Recombinant

Tags: His tag C-Terminus

Additional sequence information: Tagged with six histidines.

Specifications

Our Abpromise guarantee covers the use of ab48960 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications

ELISA

Western blot

Form

Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.2

Constituent: 0.0536% PBS

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Relevance

West Nile Virus (WNV) is a single-stranded RNA (positive sense) virus of the family Flaviviridae, genus Flavivirus, commonly found in Africa, West Asia and the Middle East. It causes disease
that is characterized by flu-like symptoms. In a small number of cases this can develop into West Nile Encephalitis (infection of the brain and spinal cord). The viral envelope consists of envelope E and membrane M proteins. The roles of the E protein include virion assembly, recognition of cell receptors, cell endosomal membrane fusion, agglutination of red blood cells, and induction of immune responses.

**Cellular localization**

Cell Membrane

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**Please note:** All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

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**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit [https://www.abcam.com/abpromise](https://www.abcam.com/abpromise) or contact our technical team.

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