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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-envelope protein domain III [Fab1] Standard Size Ab03445-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Human Fab format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: Fab1

Alternative Name(s) of Target: WNV; E-protein; EP

UniProt Accession Number of Target Protein:

Published Application(s): in vitro, WB, ELISA, IF

Published Species Reactivity: West Nile Virus

Immunogen: A Fab antibody phage display library was generated from the peripheral blood lymphocytes of immunized donors. The antibody was selected by panning the library against recombinant E protein domain III from WNV.

Specificity: The antibody is specific for the envelope protein domain III of WNV.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody detected the envelope protein domain III by western blot analysis. The antibody was employed to perform IFA assay to detect WNV in Vero cells. The antibody exhibited significant neutralizing activity, and completely blocked 100 pfu WNV infection in Vero cells at a concentration 80 µg/ml (Duan et al., 2009; PMID: 2050585).

Antibody First Published in: Duan et al. Human Monoclonal Fab Antibodies Against West Nile Virus and its Neutralizing Activity Analyzed in Vitro and in Vivo J Antivir Antiretrovir. 2009 Nov 1; 1(1): 036-042.

[PMID:205058.5](#)

Note on publication:

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.