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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Ebola Nucleoprotein [MJ6] Bulk Size Ab03647-1.1-BT

Isotype and Format: Mouse IgG1, Kappa

Clone Number: MJ6

Alternative Name(s) of Target: NP; Ebola NP; EBOV NP; Nucleoprotein; Nucleocapsid protein; Protein N; Fab 6

UniProt Accession Number of Target Protein: O72142

Published Application(s): ELISA

Published Species Reactivity: Bundibugyo), Ebola virus (Zaire, Tai Forest

Immunogen: The original antibody was isolated from a synthetic human library using phage display technique. The clone was isolated by panning against C-terminal domain of the Nucleoprotein of Ebola virus.

Specificity: This antibody binds an epitope in the N-terminal helical hairpin of the C-terminal end of Nucleoprotein (NPCT) of Ebola virus strains Zaire, Tai Forest and Bundibugyo.

Application Notes: This antibody binds C-terminal end of Nucleoprotein (NPCT) of Ebola virus with a binding affinity of $K_d = 0.7$ nM (PMID: 31622515).

Antibody First Published in: Slezak et al. An engineered ultra-high affinity Fab-Protein G pair enables a modular antibody platform with multifunctional capability. Protein Sci. 2020 Jan; 29(1): 141-156.

[PMID:31622515](#)

Note on publication: Describes and epitope characterization of this antibody and an ELISA using this antibody.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.