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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Fusion glycoprotein F0 [17-HD9] Bulk Size Ab04423-23.0-BT

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 17-HD9

Alternative Name(s) of Target: F; Fusion glycoprotein F0; Protein F

UniProt Accession Number of Target Protein: P03420

Published Application(s): neutralization, ELISA

Published Species Reactivity: Human respiratory syncytial virus A

Immunogen: The original antibody was raised by immunizing a Rhesus Macaque with the FFL scaffold (similar to the F protein from human respiratory syncytial virus A), and then using b cell sorting to isolate the epitope-specific antibody.

Specificity: This antibody is specific for Protein F of the Human respiratory syncytial virus A. The exact epitope is very similar to the one shown in PDB:3IXT.

Application Notes: The original antibody was used for an ELISA on respiratory syncytial virus protein F. Further a plaque reduction assay was performed on the respiratory syncytial virus subtype A2, this assay showed some neutralization of the virus (Correia et al., 2014; PMID:24499818).

Antibody First Published in: Correia et al. Proof of principle for epitope-focused vaccine design Nature. 2014 Mar 13;507(7491):201-6. [PMID:24499818](#)

Note on publication: The original paper created a designed immunogen (FFL_01) used to vaccinate nonhuman primates, which induced antibodies (e.g., 17-HD9) that bound the RSV epitope in a manner that mimicked motavizumab.

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.