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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-VWFpp [JA9] Bulk Size Ab04116-30.11-BT

This is an scFv fragment with a His tag.

This is a reformatted human scFv antibody, based on the original human scFv format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: scFv fragment (His), ScFv

Clone Number: JA9

Alternative Name(s) of Target: von Willebrand factor propeptide

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by selecting antibody fragments using phage display technology, where two phage display libraries were amplified and used to screen for binding to von Willebrand factor propeptide (VWFpp) displayed on yeast cells.

Specificity: This antibody is specific for VWF propeptide (VWFpp) and not to the yeast used for the expression of the propeptides.

Application Notes: This antibody's original format (scFv) was used in a sandwich ELISA to determine the VWF propeptide levels in plasma and showed a higher binding affinity for VWFpp in plasma at especially lower plasma concentrations (Meiring et al., 2018; PMID: 29992156).

Antibody First Published in: Meiring et al. The Use of Phage Display and Yeast Based Expression System for the Development of a Von Willebrand Factor Propeptide Assay: Development of a Von Willebrand Factor Propeptide Assay Biomed Res Int. 2018 May 24;2018:6232091. doi: 10.1155/2018/6232091 [PMID:29992156](#)

Note on publication: The original publication describes the development of a cost-effective assay for the diagnosis of von Willebrand disease, focusing on the detection of von Willebrand factor propeptide using phage display and yeast-based expression systems.

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.