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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Tp47 membrane protein [ZJTP47-1B3] Standard Size Ab04103-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: ZJTP47-1B3

Alternative Name(s) of Target: Putative DD-carboxypeptidase TP_0574; 47 kDa lipoprotein; 47 kDa membrane antigen; 47-kilodalton major integral membrane immunogen

UniProt Accession Number of Target Protein: P29723

Published Application(s): WB, ELISA

Published Species Reactivity: Treponema pallidum

Immunogen: The original antibody was generated by immunizing BALB/c mice with recombinant Treponema pallidum membrane protein Tp47.

Specificity: This antibody can bind the TP47 protein of Treponema pallidum which is the causative agent for Syphilis. TP47 protein is a D,D-carboxypeptidase, that releases amino acids sequentially from a proteins C-terminus. Syphilis is a bacterial infection, transmitted through sexual contact and characterized by sores, grey warty growth and rashes on sexual organs, mouth, lips, hands and feet. Early stage Syphilis can be cured using penicillin. Without treatment Syphilis can cause damage to heart, brain or other organs and can sometimes even be life-threatening.

Application Notes: This antibody can be used for the qualitative detection of Treponema pallidum TP47 protein using western blot. This antibody can also be used for the detection of Tp47 protein using ELISA. This antibody was also used in the generation of immune chromatography colloidal gold test strip for detection of the membrane protein Tp47 of Treponema pallidum (CN110078822).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 100 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.