

Product datasheet

Anti-Treponema pallidum antibody (Biotin) ab20465

Overview

Product name	Anti-Treponema pallidum antibody (Biotin)
Description	Rabbit polyclonal to Treponema pallidum (Biotin)
Host species	Rabbit
Conjugation	Biotin
Tested applications	Suitable for: IHC-P, ICC/IF
Species reactivity	Reacts with Treponema pallidum. Not yet tested in other species.
Immunogen	Tissue/ cell preparation (Highly purified T. pallidum).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium Azide Constituents: 0.01M PBS, pH 7.2
Purity	IgG fraction
Purification notes	>95% pure. The IgG fraction of the above antiserum covalently coupled with the N-Hydroxysuccinimide ester of biotin under mild conditions to give a high degree of substitution.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab20465** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		
ICC/IF		

Application notes

Avidin and streptavidin amplification systems for IF: Use at an assay dependent dilution.
IHC-P: Use at an assay dependent dilution. Perform heat mediated antigen retrieval using citrate buffer before commencing with IHC staining protocol.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

Treponema pallidum is the causative agent of syphilis. It is a gram negative spirochete, a helical to sinusoidal bacterium with outer and cytoplasmic membranes, a thin peptidoglycan layer, and periplasmic flagella.

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