Treponema Pallidum (Poly)
Rabbit Polyclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Highly purified T. pallidum
Ig Class: IgG2
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: Treponema Pallidum (Poly) Rabbit Polyclonal primary antibody detects Treponema Pallidum protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:50-100. Positive Control: sample known to contain Treponema Pallidum protein.

Localization: treponema.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: Treponema pallidum is a Gram-negative spirochaete bacterium with periplasmic flagella. There are at least five subspecies of T. pallidum, including T. pallidum pallidum (the cause of syphilis), T. pallidum pertenue (the cause of yaws), T. pallidum carateum (the cause of pinta), T. pallidum trirocllium (the cause of syphilis and pinta) and T. pallidum endemicum (the cause of bejel). T. pallidum is motile and is generally transmitted through close sexual contact, entering the host via breaches in squamous or columnar epithelium.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:
1. Guarner J, et al: Mod Pathol. 1999;12(1):82-7.
2. Tanahashi J et al: Mod Pathol. 2008;21(2):76-84.
3. Tse JY et al, Am J Surg Pathol. 2018;42(4):472-478.

REF   **Z2554RL/ Z2554RS/ Z2554RT/ Z2554RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)**