

# Treponema pallidum (Poly)

## Rabbit Polyclonal Antibody

**Specificity:** Humans

**Immunogen:** Treponema pallidum

**Ig Class:** Rabbit IgG

**Storage:** Store at 2-8°C for up to 2 years for concentrate form and 1 year for predilute form

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:100-200. *Positive Control:* Treponema pallidum infected tissue. *Localization:* Organisms. *Intended Use:* Analyte Specific Reagent (ASR).

**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 triroclium (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.

**Intended Use:** This antibody is intended for Analyte Specific Reagent (ASR). Treponema pallidum (Poly) rabbit polyclonal primary antibody is intended for laboratory use in the detection of Treponema pallidum in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

**Supplied As:** Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% sodium azide.

### References:

1. Tsai MM et al: Mod Pathol. 1993;6(2):185-8.
2. Hofman V et al: Am J Clin Pathol. 2003; 120(4):567-7.

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