

CD3

Instructions for Use

Specification:

Anti-CD3 antibody has been considered the best all around T-cell marker. This antibody reacts with an antigen present in early thymocytes. The positive staining of this marker may represent a sign of early commitment to the T-cell lineage.

Availability:

Catalog No.	Contents	Volume
ILP3333-C01	CD3	0,1 ml concentrate
ILP3333-C05	CD3	0,5 ml concentrate
ILP3333-C1	CD3	1,0 ml concentrate

Intended use: For Research Use Only

Reactivity: Human

Clone: -

Species of origin: Rabbit

Isotype: -

Control Tissue: Lymph node, tonsil

Staining: Membranous

Presentation: Anti-CD3 is a rabbit polyclonal antibody purified from rabbit anti-sera diluted in tris buffered saline, pH 7.3-7.7, with protein base, and preserved with sodium azide.

Application and suggested dilutions:

Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:100-1:1000)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:100-1:1000)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-rabbit secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

- 1) Denning, SM, et al., Oxford Univ Press 1987;144-147
- 2) Beverley, PCL, et al., European J of Immunology 11:329-334
- 3) Clevers, H, et al., European J of Immunology 1988;18:705-710
- 4) Meuer, SC, et al., Immunology Today 1989;10:255-228
- 5) Campana, D, et al., J of Immunology 1987;138:648-665
- 6) Hedvat CV et al. Hum Pathol. 2002 Oct;33(10): 968-74
- 7) Karube K et al. Am J Surg Pathol. 2003 Oct;27(10): 1366-74
- 8) Dogan A et al. Am J Surg Pathol. 2003 Jul;27(7): 903-11
- 9) Axdorph U et al. APMIS. 2002 May;110(5): 379-90