

## CD5 clone 4C7

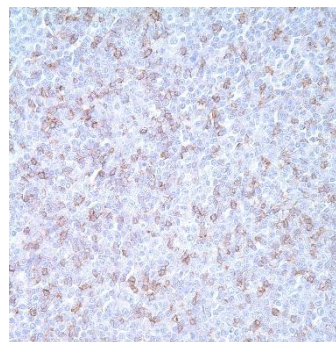
### Instructions for Use

**Specification:**

CD5 is a T-cell marker that also reacts with a range of neoplastic B-cells, e.g. B-cell chronic lymphocytic leukemia (B-CLL), B-cell small lymphocytic lymphoma (B-SLL), and mantle cell lymphoma. CD5 is expressed in T lymphocyte subsets and is modulated during cellular activation. CD5 does not react with granulocytes or monocytes.

**Availability:**

Catalog No.	Contents	Volume
ILM2003-C01	CD5	0,1 ml concentrate
ILM2003-C05	CD5	0,5 ml concentrate
ILM2003-C1	CD5	1,0 ml concentrate



**Intended use:** For Research Use Only

**Reactivity:** Human

**Clone:** 4C7

**Species of origin:** Mouse

**Isotype:** IgG/K

**Control Tissue:** Tonsil

**Staining:** Membrane

**Presentation:** Anti-CD5 is a mouse monoclonal antibody from supernatant 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, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:25 - 1:50)
- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:25 - 1:50)

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-Mouse 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) Chan, JKC, et al., Histopathology 1994;25: 517-536.
- 2) Kasaian, MT, et al., Proc of the Soc for Exp Bio and Med 1991;197: 226-241
- 3) Jones NH, et al., Nature 1986;323: 346-349
- 4) Tan SH et al. Br J Dermatol. 2003 Sep;149(3): 542-53
- 5) Chang CC et al. Mod Pathol. 2002 Oct;15(10): 1051-7
- 6) Hatano B et al. Pathol Int. 2002 May-Jun;52(5-6): 400-5
- 7) West RB et al. Am J Clin Pathol. 2002 Apr;117(4): 636-43