

**Rabbit Anti-CD5 [EP77]: RM0047**

**Intended Use:** For Research Use Only

**Description:** CD5 (Lymphocyte antigen T1/Leu-1) is a transmembrane glycoprotein which has been implicated as a receptor in the regulation of T-cell proliferation. CD5 antibody labels a variety of T lymphocytes, mantle zone lymphocytes and a small subset of B lymphocytes. In tumors, CD5 is expressed on T-cell malignancies, Bcell chronic lymphocytic leukemia (CLL)/small lymphocytic lymphoma (SLL), and mantle-cell lymphoma. It is a useful diagnostic tool for these tumors. In addition, anti-CD5 is helpful in diagnosis of thymic carcinoma (CD5 positive).

**Specifications:**

Clone: EP77  
Source: Rabbit  
Isotype: IgG  
Reactivity: Human  
Localization: Membrane  
Formulation: Purified ascites in PBS pH7.4, containing BSA, glycerol, and  $\leq 0.09\%$  sodium azide (NaN<sub>3</sub>).  
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles  
Applications: IHC  
Package:

Description	Catalog No.	Size
CD5 Concentrated	RM0047	1 ml

**IHC Procedure\*:**

Positive Control Tissue: Tonsil, mantle cell lymphoma  
Concentrated Dilution: 50-200  
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C  
Incubation Time and Temp: 30-60 minutes @ RT  
Detection: Refer to the detection system manual

\* Result should be confirmed by an established diagnostic procedure.