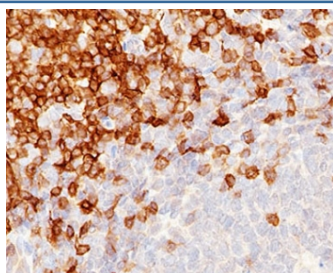


## CD5 Antibody [clone CLDA5-1] (V7018)

Catalog No.	Formulation	Size
V7018-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7018-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7018SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	CLDA5-1
<b>Purity</b>	Protein G affinity chromatography
<b>Buffer</b>	1X PBS, pH 7.4
<b>Gene ID</b>	921 (Human)
<b>Localization</b>	Cell surface
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This CD5 antibody is available for research use only.



IHC testing of FFPE human tonsil stained with CD5 antibody (clone CLDA5-1). Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

## Description

This antibody recognizes a 67kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas.

antibody to CD5 is a pan T-cell marker that also reacts with a range of neoplastic B-cells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL), mantle cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphoma. CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. CD5 antibody detection is diagnostic in CLL/SLL within a panel of other B-cell markers, especially one that includes anti-CD23. CD5 antibody is also very useful in differentiating among mature small lymphoid cell malignancies. In addition, antibody to CD5 can be used in distinguishing thymic carcinoma (+) from thymoma (-). CD5 antibody does not react with granulocytes or monocytes.

## Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the CD5 antibody to be titrated up or down for optimal performance.

## Immunogen

Recombinant human protein was used as the immunogen for this CD5 antibody.

## Storage

Store the CD5 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

## References (2)