

## 44-1133: Anti-CD5 Monoclonal Antibody (Clone:IHC538)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC538
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD5
<b>Gene ID :</b>	921
<b>Uniprot ID :</b>	P06127
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD5, LEU1, Lymphocyte antigen T1/Leu-1, T-cell surface glycoprotein CD5

### Description

Cluster of differentiation 5 (CD5) is expressed in high levels on the surface of T cells, while controversy surrounds the expression levels and role of CD5 in B cells. As a part of a diagnostic panel, its utility lies predominantly as a marker for T cells, with over 70% of T cell neoplasms expressing CD5. In particular, it is correlated with chronic lymphocytic leukemia/small lymphocytic lymphomas, mantle cell lymphoma, as well as a subset of diffuse large B cell lymphomas. CD5 demonstrates positive expression in thymic carcinomas, and is not as sensitive as CD3. CD5 also has value as a prognostic indicator, being associated with poor prognosis in acute T cell lymphoblastic leukemia.

### Product Info

<b>Amount :</b>	0.1 ml / 1 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Storage condition :</b>	Store at 2°C - 8°C.

### Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

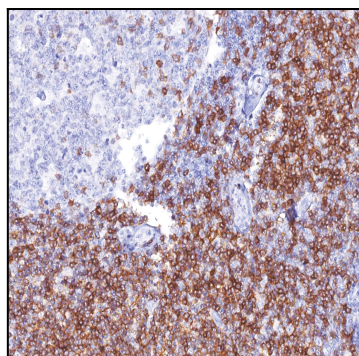


Figure 1: Immunohistochemical analysis of CD5 (IHC538) on Tonsil