

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

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|---------------------------|---|
| Clonality : | Monoclonal |
| Clone Name : | IHC538 |
| Application : | IHC |
| Reactivity : | Human |
| Gene : | CD5 |
| Gene ID : | 921 |
| Uniprot ID : | P06127 |
| Format : | Purified |
| Alternative Name : | 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

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| Amount : | 0.1 ml / 1 ml |
| Purification : | Protein A/G Chromatography |
| Storage condition : | 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.

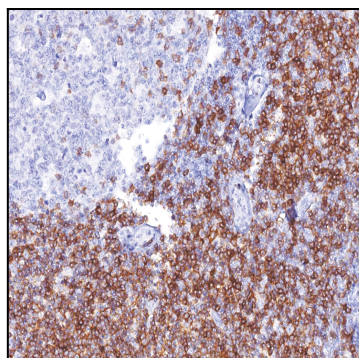


Figure 1: Immunohistochemical analysis of CD5 (IHC538) on Tonsil