

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

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

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.

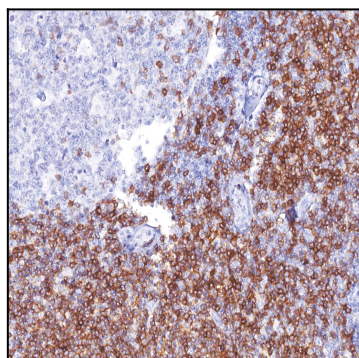


Figure 1: Immunohistochemical analysis of CD5 (IHC538) on Tonsil