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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.

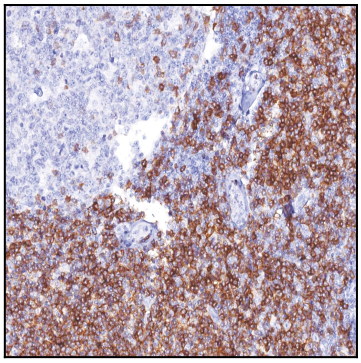

Figure 1: Immunohistochemical analysis of CD5 (IHC538) on Tonsil