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44-1012: Anti-CD45 (LCA) Monoclonal Antibody (Clone:IHC045)-Ready to Use(Discontinued)

Clonality :	Monoclonal
Clone Name :	IHC045
Application :	IHC
Reactivity :	Human
Gene :	PTPRC
Gene ID :	5788
Uniprot ID :	P08575
Alternative Name :	PTPRC,CD45
Isotype :	Mouse IgG2a
Immunogen Information :	Recombinant Human CD45 (LCA)

Description

"Cluster of differentiation 45 (CD45), also known as leukocyte common antigen (LCA), is a member of the protein tyrosine phosphatase (PTPase) family which is known to regulate a variety of cellular processes including cell growth, differentiation, the mitotic cycle, and oncogenic transformation. CD45 is expressed in most nucleated cells of hematopoietic origin, and is an essential regulator of T and B cell antigen receptor signalling. Anti-CD45 positively stains the majority of lymphoid neoplasms, and is highly indicative of lymphoid origin. However, an absence of CD45 does not rule out lymphoid tumors, as certain types of neoplasms lack CD45, such as Hodgkin□s lymphoma, some T-cell lymphomas, and some leukemias."

Product Info

Amount :	7 ml / 25 ml
Purification :	Protein A/G Chromatography
Content :	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Storage condition :	Store at 2°C - 8°C. Do not freeze.

Application Note

This product is available in ready to use format, hence no dilution is required.

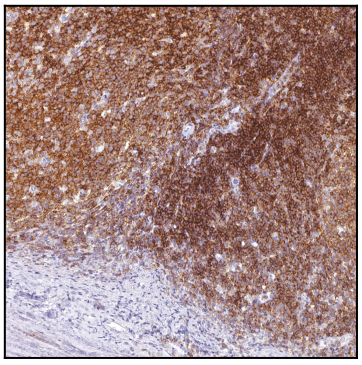


Figure 1: Immunohistochemical analysis of CD45 (LCA) (Clone: IHC045) on Tonsil

For Research Use Only. Not for use in diagnostic/therapeutics procedures.