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44-1131: Anti-CD45R Monoclonal Antibody (Clone:IHC536)

Clonality: Monoclonal **Clone Name:** IHC536 Application: IHC Reactivity: Human Gene: **PTPRC** Gene ID: 5788 **Uniprot ID:** P08575 **Purified** Format:

Alternative Name: Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, CD45, L-CA, T200

Description

CD45R, also known as MB1, is an isoform of CD45 that is a member of the protein tyrosine phosphatase (PTPase) family. CD45R is expressed specifically on the surface of hematopoietic cells, and has demonstrated function as a regulator of the antigen and cytokine receptor signalling of B and T cells. Given that the antigen is located in the membrane of all B cells, with the exception of plasma cells and some mature T cells, Anti-CD45R exhibits specific reactivity with most B lymphocytes. The use of Anti-CD45R is primarily useful in distinguishing B cell lymphomas from T cell lymphomas, with specific reactivity to follicle center cells, mantle cells, some medullary thymocytes, and 80% of B cell lymphomas.

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.

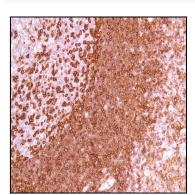


Figure 1: Immunohistochemical analysis of CD45R (IHC536) on Tonsil