

## 44-1132: Anti-CD45R Monoclonal Antibody (Clone:IHC536)-Ready to Use

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC536
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	PTPRC
<b>Gene ID :</b>	5788
<b>Uniprot ID :</b>	P08575
<b>Format :</b>	Predilute
<b>Alternative Name :</b>	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

<b>Amount :</b>	7 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Storage condition :</b>	Store at 2°C - 8°C.

### Application Note

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

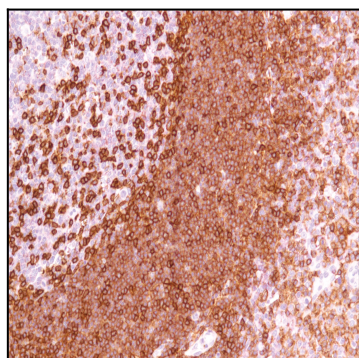


Figure 1: Immunohistochemical analysis of CD45R (IHC536) on Tonsil