

Product datasheet

Anti-CD45RC antibody [MRC OX-22] ab33945

★★★★★ 1 Abreviews

製品の概要

製品名	Anti-CD45RC antibody [MRC OX-22]
製品の詳細	Mouse monoclonal [MRC OX-22] to CD45RC
由来種	Mouse
特異性	ab33945 recognises rat CD45RC, the high molecular weight form of the leucocyte common antigen. The antigen is found on B cells, approximately 50% of bone marrow cells, all CD8+ve T cells, but splits CD4+ve T cells into two populations, CD4+CD45RChigh (Th1-like) and CD4+CD45RClow (Th2-like).
アプリケーション	適用あり: Flow Cyt, IHC-Fr, IHC-P
種交差性	交差種: Rat
免疫原	PHA stimulated rat lymphocytes.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.09% Sodium Azide
精製度	Protein G purified
ポリモノ	モノクローナル
クローン名	MRC OX-22
ミエローマ	NS1
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab33945** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
Flow Cyt		
IHC-Fr		
IHC-P	★★★★★	

追加情報

Flow Cyt: 1/100.

IHC-P: 1/100 - 1/1000. This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.

IHC-Fr: 1/100 - 1/1000.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

関連性

The CD45 family of cell surface glycoprotein antigens exist as a set of isoforms. The patterns of monoclonal antibody recognition of the CD45 phenotypes can be restricted (CD45RA, RB and RC), or broader, such as the CD45 T 200 species. The "restricted" subsets of this group arise as a result of translation of alternatively spliced mRNAs from exons A, B and C (exons 4, 5 and 6), where exons 3-15 encode the extracellular domain of the CD45 molecule. The restricted epitopes are differentially expressed on T and B lymphocytes, including functionally distinct T cells. CD45 (LCA) is a transmembrane phosphotyrosine phosphatase expressed on leucocytes. Myeloid cells do not express the RC isoform.

細胞内局在

Membrane; Single-pass type I membrane protein. Membrane raft. Note: Colocalized with DPP4 in membrane rafts.

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