



Rabbit Anti-Human CD200 Receptor 1-like monoclonal antibody, clone 7E7D2 (CAB-11492RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant Human CD200RLa / CD200R1L protein
Isotype	IgG1
Source/Host	Rabbit
Clone	7E7D2
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD200RLa / CD200R1L (rh CD200RLa / CD200R1L; Met1-Leu239). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Liquid
Concentration	Lot specific
Size	50 µl
Buffer	0.2 µm filtered solution in PBS
Preservative	See individual product datasheet

Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
Ship	Wet ice

BACKGROUND

Introduction	This gene encodes a member of the paired box (PAX) family of transcription factors. The central feature of this gene family is a novel, highly conserved DNA-binding motif, known as the paired box. PAX proteins are important regulators in early development, and alterations in the expression of their genes are thought to contribute to neoplastic transformation. This gene encodes the B-cell lineage specific activator protein that is expressed at early, but not late stages of B-cell differentiation. Its expression has also been detected in developing CNS and testis and so the encoded protein may also play a role in neural development and spermatogenesis. This gene is located at 9p13, which is involved in t(9;14)(p13;q32) translocations recurring in small lymphocytic lymphomas of the plasmacytoid subtype, and in derived large-cell lymphomas. This translocation brings the potent E-mu enhancer of the IgH gene into close proximity of the PAX5 promoter, suggesting that the deregulation of transcription of this gene contributes to the pathogenesis of these lymphomas. Alternatively spliced transcript variants encoding different isoforms have been described but their biological validity has not been determined
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Keywords	CD200;Cd200 molecule;Mox2;Cspmo2;MRCOX2;OX-2 membrane glycoprotein;Cd200 antigen;MRC OX-2 antigen;cell surface protein (thymocyte antigen identified by monoclonal antibody MRC-OX2);
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GENE INFORMATION

Entrez Gene ID	4345
UniProt ID	P41217