

**Rabbit Anti-CD79b [EP214]: RM0053**

**Intended Use:** For Research Use Only

**Description:** CD79 consists of two proteins, CD79a (mb-1) and CD79b (B29). CD79a recognizes the Ig-alpha protein, and CD79b recognizes the Ig-beta protein of the B-cell antigen component of the B-lymphocyte antigen receptor. CD79b is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for the expression and function of the B-cell antigen receptor. In normal B-cell differentiation, CD79b (B29) is first expressed in cells that have Ig  $\mu$  chains and remains expressed throughout B-cell differentiation up to the plasma cell stage. Cells from most chronic B-cell disorders, for example, most B-cell lymphomas and B-cell prolymphocytic leukemias, are CD79b positive. However, CD79b is either absent or weakly expressed in neoplastic B-cells from chronic lymphocytic leukaemia (CLL) and hairy cell leukaemia.

**Specifications:**

Clone: EP214  
Source: Rabbit  
Isotype: IgG  
Reactivity: Human  
Localization: Membrane  
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and  $\leq 0.09\%$  sodium azide (NaN<sub>3</sub>).  
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles  
Applications: IHC  
Package:

Description	Catalog No.	Size
CD79b (Transferrin Receptor) Concentrated	RM0053	1 ml

**IHC Procedure\*:**

Positive Control Tissue: Tonsil, B cell lymphoma  
Concentrated Dilution: 50-200  
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C  
Incubation Time and Temp: 30-60 minutes @ RT  
Detection: Refer to the detection system manual

\* Result should be confirmed by an established diagnostic procedure.