

**Rabbit Anti-CD79a [SP18]: RM0238, RM0238RTU7**

**Intended Use:** For Research Use Only

**Description:** CD79 consist 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. The expression of CD79 precedes immunoglobulin (Ig) gene, heavy-chain gene rearrangement and CD20 expression. In precursor B cells, the CD79 protein chains are already expressed in the cytoplasm (CyCD79). Surface expression of CD79 begins at the pro-B cell stage and persists throughout the B-cell differentiation, and continues presents on plasma cells. CD79a is an excellent marker for identification of normal and neoplastic B lymphocytes. This CD79a antibody has been validated by the 9th International Conference on Human Leukocyte Differentiation Antigens (HLDA9).

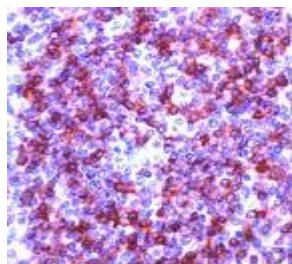
**Specifications:**

Clone: SP18  
 Source: Rabbit  
 Isotype: IgG  
 Reactivity: Human  
 Localization: Membrane, cytoplasm  
 Formulation: Antibody in PBS pH7.4, containing BSA, and ≤ 0.09% sodium azide (NaN3)  
 Storage: Store at 2°- 8°C  
 Applications: IHC, Flow Cyt.  
 Package:

Description	Catalog No.	Size
CD79a Concentrated	RM0238	1 ml
CD79a Prediluted	RM0238RTU7	7 ml

**IHC Procedure\*:**

Positive Control Tissue: Tonsil, B cell lymphoma  
 Concentrated Dilution: 50-100  
 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.



FFPE human tonsil stained with anti-CD79a using DAB

**References:**

1. Mapping hematopoiesis in a fully regenerative vertebrate: the axolotl. Lopez D, et al. Blood 124:1232-41, 2014.
2. Perivascular T-cell infiltration leads to sustained pulmonary artery remodeling after endothelial cell damage. Cuttica MJ, et al. Am J Respir Cell Mol Biol 45:62-71, 2011.

Doc. 100-RM0238  
Rev. A