

Rabbit Anti-CD79a [EP82]: RM0052, RM0052RTU7

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

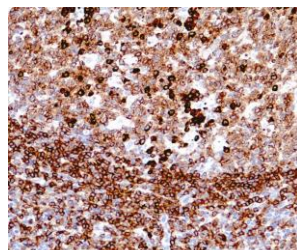
Clone: EP82
 Source: Rabbit
 Isotype: IgG
 Localization: Membrane, cytoplasm
 Formulation: Antibody in PBS pH7.4, containing BSA, and < 0.09% sodium azide (NaN3)
 Storage: Store at 2°- 8°C
 Applications: IHC
 Package:

Description	Catalog No.	Size
CD79a Concentrated	RM0052	1ml
CD79a Prediluted	RM0052RTU7	7ml

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.



FFPE human tonsil stained with anti-CD79a using DAB

References:

1. Immunohistochemical detection of CD79a expression in precursor T cell lymphoblastic lymphoma/leukaemias. Hashimoto M1, et al. J Pathol. Jul;197(3):341-7, 2002.
2. Immunohistochemical and Histochemical Stains for Differentiating Canine Cutaneous Round Cell Tumors. N. J. Fernandez, et al. Sage J. July 1, 2005.
3. Immunoreactivity of B-Cell Markers (CD79a, L26) in Rare Cases of Extranodal Cytotoxic Peripheral T- (NK/T-) Cell Lymphomas. Karin Blakolmer M.D, et al. Mod Pathol 13(7):766-772, 2000.