

CD79a clone JCB117

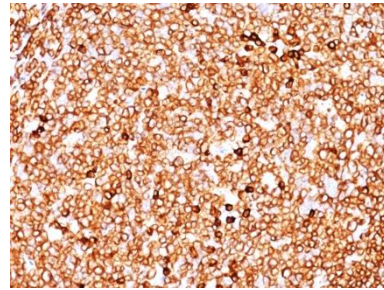
Instructions For Use

Specification:

A disulphide-linked heterodimer, consisting of mb-1 (or CD79a) and B29 (or CD79b) polypeptides, is non-covalently associated with membrane-bound immunoglobulins on B cells. This complex of mb-1 and B29 polypeptides and immunoglobulin constitute the B cell Ag receptor. CD79a first appears at pre B cell stage, early in maturation, and persists until the plasma cell stage where it is found as an intracellular component. CD79a is found in the majority of acute leukemias of precursor B cell type, in B cell lines, B cell lymphomas, and in some myelomas. It is not present in myeloid or T cell lines. It is superb for staining formalin-fixed, paraffin-embedded B-cell lymphomas.

Availability:

Catalog No.	Contents	Volume
ILM9739-C01	CD79a	0,1 ml concentrate
ILM9739-C05	CD79a	0,5 ml concentrate
ILM9739-C1	CD79a	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human

Clone: JCB117

Species of origin: Mouse

Isotype: IgG_{1,κ}

Control Tissue: Germinal center B-cells in a lymph node or tonsil

Staining: Membranous

Immunogen: A synthetic peptide corresponding to aa 202-216 (GTYQDVGSLNIADVQ) of human CD79a protein

Presentation: Bioreactor Concentrate with 0.05% Azide.

Application and suggested dilutions:

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:200-1:400)
- Western blotting

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

Reference:

- 1) Van Nosel, CJM, et al., J Immunol 1991;146:3881-3888
- 2) Van Nosel, CJM, et al., J Exp Med 1992;175:1511-1519
- 3) Mason DY, et al., Eur J Immun 1992;22:2753-2756
- 4) Mason DY et al. Blood. 1995 Aug 15;86(4):1453-9
- 5) Lin BT, Weiss LM. Hum Pathol. 1997 Sep;28(9):1083-90
- 6) Pillozzi E et al. J Pathol. 1998 Oct;186(2):140-3
- 7) Kurtin PJ et al. Am J Clin Pathol. 1999 Sep;112(3):319-29
- 8) Blakolmer K et al. Mod Pathol. 2000 Jul;13(7):766-72
- 9) Yao X et al. Mod Pathol. 2001 Feb;14(2):105-10
- 10) Requena L et al. Arch Dermatol. 2003 Apr;139(4):475-86