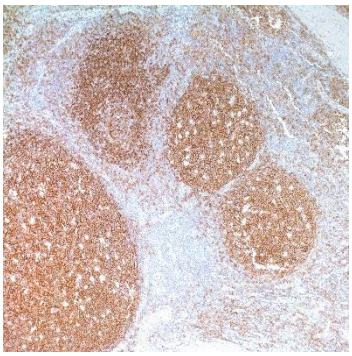
CD 19
clone LE-CD 19

Instructions for Use

Specification:
LE-CD 19 recognizes CD19, a 95 kD cell surface glycoprotein, which is expressed by cells of the B cell lineage and follicular dendritic cells. CD 19 is absent on plasma cells. CD 19 is an important signal transduction molecule which is involved in the regulation of B lymphocyte development, activation and differentiation. LE-CD 19 detects a band of approximately 95 kDa in Raji cell lysates under reduction conditions.

Availability:

Catalog No.	Contents	Volume
ILM09116-C01	CD 19	0,1 ml concentrate
ILM09116-C05	CD 19	0,5 ml concentrate
ILM09116-C1	CD 19	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human

Clone: LE-CD 19

Species of origin: Mouse

Isotype: IgG1

Control Tissue: Tonsil

Staining: Membranous

Immunogen: CD19 peptide CGPDPAWGGGGRMGTWSTR (C-terminus) coupled to KLH

Presentation: purified IgG prepared by affinity chromatography at 200µg/ml in PBS, pH with BSA and Sodium Azide

Application and suggested dilutions:
Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, 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 up to 1:20-1:40)
- Immunofluorescence
- Western Blotting (reducing conditions)
- Flow Cytometry

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) Ogembo, J.G. et al. (2012), J Immunol. 188: 4496505.