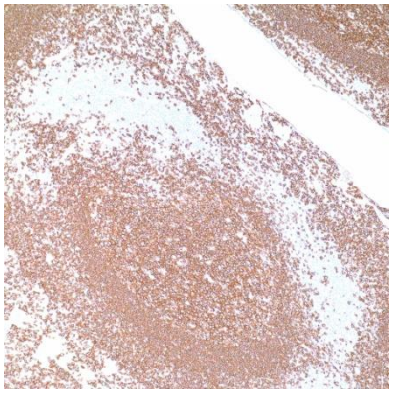
CD 20
clone L26

Instructions for Use

Specification:
This antibody reacts with a formalin-resistant intracytoplasmic epitope found in the majority of B cells and now considered to be the CD20 antigen, a pan-B cell marker. The antibody primarily recognizes a 33 kD polypeptide B cell component and also a minor 30 kD cellular antigen. The staining pattern is consistent with pan-B reactivity, producing staining for B cells in lymphoid and peripheral blood tissue. This antibody intensely stains germinal centers and B immunoblasts in lymphoid tissue.The L26 antibody is widely regarded as the most selective B cell marker currently available. L26 has shown no cross-reactivity with nonlymphoid tissues and there are several studies demonstrating its sensitivity and specificity in formalin-fixed, paraffin-embedded tissues. Studies have demonstrated that, in cases of lymphocyte predominant Hodgkin's lymphomas, L&H variants of Reed-Sternberg cells show a strong L26 reactive pattern that is distinctive from other Reed-Sternberg variants. L26 may prove to be a useful marker for this particular subset of Hodgkin's lymphomas.

Availability:

Catalog No.	Contents	Volume
ILM30211-C01	CD 20	0,1 ml concentrate
ILM30211-C05	CD 20	0,5 ml concentrate
ILM30211-C1	CD 20	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human, Baboon, and Monkey
Does not react with cow, Dog, Pig, and Rat. Others not known.

Clone: L26

Species of origin: Mouse

Isotype: IgG2a Kappa

Control Tissue: Tonsil, Hodgkin lymphomas

Staining: Membranous and some cytoplasm of B cells

Immunogen: Human tonsil B cells

Presentation: Bioreactor concentrate with 0.05% Azide

Application and suggested dilutions:
Pre-treatment: 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 up to 1:100 1:200)

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

Note: Dilute 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.

References

1) Ishii, Y, et al., Clin Exp Immuno 1984 ;58:183-192
2) Davey, FR, et al., Am J Pathol 1987;129:54-63
3) Mason, DY, Am J Pathol 1987;128:1-4
4) Browne P et al. Am J Clin Pathol. 2003 Nov;120(5): 767-77
5) Tzankov A et al. Clin Cancer Res. 2003 Apr ;9(4): 1381-