Lambda
clone Lamb14

Instructions for Use

Specification:
Anti-Lambda detects surface immunoglobulin on normal and neoplastic B-cells. Lambda staining is seen in B-cell follicles of human lymphoid tissue. When dealing with B-cell neoplasms, the determination of light chain ratios remains the centerpiece. This is sound reasoning because most B-cell lymphomas express either kappa or lambda light chains, whereas reactive proliferations display a mixture of kappa and lambda positive cells. If only a single light chain type is detected, a lymphoproliferative disorder is very likely. Monoclonality is determined by a kappa-lambda ratio of greater than or equal to 3:1, a lambda-kappa ratio greater than or equal to 2:1 or a monoclonal population of 75% or more of the total population.

Availability:

Catalog No.	Contents	Volume
ILM8283-C01	Lambda	0,1 ml concentrate
ILM8283-C05	Lambda	0,5 ml concentrate
ILM8283-C1	Lambda	1,0 ml concentrate
ILM8283-R10	Lambda	10 ml prediluted
ILM8283-R25	Lambda	25 ml prediluted

Intended use: For Research Use Only

Reactivity: Human

Clone: Lamb14

Species of origin: Mouse

Isotype: IgG_{2a}

Control Tissue: Tonsil

Staining: Cytoplasmic

Presentation: Anti-Lambda is a mouse monoclonal antibody from supernatant diluted in tris buffered saline, pH 7.3-7.7, with protein base, and preserved with sodium azide.

Application and suggested dilutions:
Pre-treatment: Protease K treatment for 10 minutes at 37°C is required for IHC staining on formalin-fixed, paraffin embedded or cryostat tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:100-1:500)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:100-1:500)

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

- Ready-to-use: Apply the prediluted antibody and incubate for 30-60 minutes at room temperature.

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.

References:

1) Michie, SA et al. A J Clin Path 1987
2) Hertel, BF, et al. Lab Invest 1977;36:12
3) Taylor, CL Arch Pathol Lab Med 1978;12:113-121
4) Abbondanzo SL et al. Ann Diagn Pathol. 1999 Oct;3(6):394
5) Kurtin PJ et al. Am J Clin Pathol. 1999 Sep;112(3):319-29
6) Ashton-Key M et al. Histopathology. 1996 Dec;29(6):525-31