

Monoclonal Mouse Antibody to Human Leucocyte Common Antigen (LCA)

Description:

- Immunogen:** BALB/C mice were immunized with human peripheral blood lymphocytes to raise clone PD7/26/16 and with isolated neoplastic cells from T cell lymphoma to raise clone 2B11.
- Clone:** PD7/26/16 and 2B11.
- Isotype:** IgG1, Kappa.
- Format:** This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded as well as acetone fixed cryostat tissue sections. No further titration is required.
- Specificity:** The human leucocyte common antigen is a family of five or more high molecular weight glycoproteins of MW 180, 190, 205 and 220 kD, present on the surface of the majority of human leucocytes. This antibody labels lymphoid cells. It labels neoplastic B and T cells in non-Hodgkin's lymphoma and in leukaemias of B and T cell types.

Uses/Limitations: Immunohistochemistry
For Research Use Only.
Do not use past expiration date.

Storage: 2-8° Centigrade.

Procedure: We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.

Precautions: Contains Sodium Azide as a preservative.
Do not pipette by mouth.

References:

- i) Wranke et al. N Engl J Med 309: 1275, 1983.
- ii) Streuli et al. J Immunol 141: 3910, 1988.
- iii) Kurtin et al. Hum Pathol 16: 353, 1985.
- iv) Meis et al. Am J Clin Pathol 86: 591, 1986.