



<b>Category:</b> Monoclonal Antibodies	<b>Cat. #</b> V1083	<b>Product Name</b> CD45RB, Leucocyte Common Antigen (LCA)
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**Description:**  
Monoclonal Mouse Anti-Human Leucocyte Common Antigen (LCA), CD45RB.

**Immunogen:**  
Human peripheral blood lymphocytes maintained in T-cell growth factor.

**Application:**  
This antibody is prediluted for Immunohistochemistry use.

**Recommended Positive Control:**  
Normal Human Tonsil, Spleen.

**Presentation:**  
50 mM Sodium Borate, 150 mM Sodium Chloride, 20% Glycerol and 0.05% Sodium azide, pH 8.0.

**Aliquoting Instructions:**  
Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4° C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies.

**Staining Procedure:**  
This antibody can be used on frozen cryostat sections.

**Specificity:**  
This antibody recognizes five high molecular weight glycoproteins of LCA (180, 190, 205 & 220 kD) present on the surface of the majority of human leucocytes.

**Storage:**  
Refrigerate at 4°C. Do not freeze.

**Size:** 0.2 mg  
**Clone:** U213 (PD7/26)  
**Isotype:** IgG1, k  
**Host:** Mouse  
**Form:** Purified  
**Concentration:** 0.5 mg/ml  
**Units On Hand:** YES

**References:**  
1. Wamke, R.A., et al. N Engl J Med, 309: 1275-81, 1983.  
2. Streuli M., et al. J Immunol, 141: 3910-4, 1988.  
3. Pulideo, R., et al. J Immunol. 140: 3851, 1988.  
4. Knapp, W., et al. (eds) Leucocyte Typing IV, Oxford Univ. Press, 628-34, 1989.

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