

CD45, Leucocyte Common Antigen (LCA)

Availability/Contents:	Item #	Volume
	A20017	2 ml
	A00017	6 ml
	A00017.25	25 ml

Description:


Species:	Mouse
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 pretitrated 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.
Species Reactivity:	Human
Positive Control:	Tonsil
Cellular Localization:	Cell Membrane
Titer/Working Dilution:	No further dilution is required.
Microbiological State:	This product is not sterile.


Uses/Limitations: For In Vitro Diagnostic Use.
This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
Do not use past expiration date.




Storage and Stability: 2-8° Centigrade.
Product is stable for 24 months from date of manufacture.
If reagent is not stored as recommended, performance must be validated by the user.

Procedure:

1. Tissue Section Pretreatment: Staining of formalin fixed, paraffin embedded tissue sections is enhanced by pretreatment with Citrate Plus (ScyTek catalog# CPL500) or 10mM citrate buffer, pH 6.0 (ScyTek Catalog# CBB500, see IFU for instructions).
2. Primary Antibody Incubation Time: 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.
3. Visualization: For maximum staining intensity we recommend the "Retrieval HRP Anti-Polyvalent Lab Pack" (ScyTek catalog# RPL125, see IFU for instructions) combined with the "DAB Chromogen/Substrate Bulk Pack

Storage: 2°C  8°C

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Instructions For Use A00017-IFU-IVD

Rev. Date: July 8, 2008

Revision: 1

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(High Contrast)" (ScyTek catalog# ACV500, see IFU for instructions).


Precautions: Contains Sodium Azide as a preservative (0.09% w/v).
Do not pipette by mouth.
Avoid contact of reagents and specimens with skin and mucous membranes.
Avoid microbial contamination of reagents or increased nonspecific staining may occur.
This product contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.


References:




1. Wranke et al. N Engl J Med 309: 1275, 1983.
2. Streuli et al. J Immunol 141: 3910, 1988.
3. Kurtin et al. Hum Pathol 16: 353, 1985.
4. Meis et al. Am J Clin Pathol 86: 591, 1986.

Warranty:

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