

CD15, Lewis (Reed-Sternberg Cell Marker)

Availability/Contents:	Item #	Volume
	A20085	2 ml
	A00085	6 ml
	A00085.25	25 ml

Description:


Species:	Mouse
Immunogen:	Myelomonocytic leukemia cells
Clone:	FR4A5
Isotype:	IgM
Format:	This antibody has been pre-titrated and quality controlled to work on cryostat tissue sections only. No further titration is required.
Specificity:	CD15 recognizes a 220kDa carbohydrate structure, which is identified as 3-fucosyl-N-acetyllactosamine (3-FAL) and is also known as CD15 or X-hapten. CD15 plays a role in mediating phagocytosis, bactericidal activity, and chemotaxis. It is present on >95% of granulocytes including neutrophils and eosinophils and to a lesser degree on monocytes. In addition, CD15 is expressed in Reed-Sternberg cells and some epithelial cells. CD15 antibody is very useful in the identification of Hodgkin's disease. CD15 is occasionally expressed in large cell lymphomas of both B and T phenotypes which otherwise have a quite distinct histological appearance.
Species Reactivity:	Human
Positive Control:	Reed-Sternberg's cells in Hodgkin's lymphoma
Cellular Localization:	
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).

Storage: 2°C  8°C

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Instructions For Use A00085-IFU-IVD

Rev. Date: July 17, 2008

Revision: 1

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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 (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. Chetty R. et al. Human Pathology 1997 Apr, 28(4):493-8.
2. Masmiquel L; et al. Journal of Clinical Pathology, 1997 Feb, 50(2):168-70
3. Von Wasielewski R; et al. Am J of Pathology, 1997, 150:793-803.
4. Ariza A; et al. Journal of Clinical Pathology, 1996 Jun, 49(6):474-7.
5. Mayer B; et al. Gastroenterology, 1996 Dec, 111(6):1433-46.

Warranty:

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