


CD15 / FUT4 (Reed-Sternberg Cell Marker); Clone Leu-M1 (MMA) (Concentrate)

Availability/Contents:	<u>Item #</u>	<u>Volume</u>
	RA0119-C.5	0.5 ml
Description:		
Species:	Mouse	
Immunogen:	U937 histiocytic cell line	
Clone:	Leu-M1 (MMA)	
Isotype:	IgM, kappa	
Entrez Gene ID:	2526 (Human)	
Hu Chromosome Loc.:	11q21	
Synonyms:	3 Fucosyl N Acetyl Lactosamine; Alpha (1,3) Fucosyltransferase; Alpha 13 fucosyltransferase FucT; ELAM Ligand Fucosyltransferase; ELFT; FCT3A; Fuc-TIV; Fucosyltransferase 4 Alpha 1 3 Fucosyltransferase Myeloid Specific; Fucosyltransferase 4; Galactoside 3 L Fucosyltransferase; Lewis X; LeX; SSEA1; Stage Specific Embryonic Antigen 1	
Mol. Weight of Antigen:	~220kDa	
Format:	Bioreactor Concentrate with 0.05% Azide.	
Specificity:	This antibody reacts with a 220 kDa protein, CD15 / FUT4 expressed on Reed-Sternberg cells.	
Background:	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. Others not known.	
Positive Control:	U937 cells, Reed-Sternberg's cells in Hodgkin's lymphoma.	
Cellular Localization:	Cell surface and granular paranuclear	
Titer/ Working Dilution:	Immunohistochemistry (Frozen and Formalin-fixed): 1:50-1:100	
	Flow Cytometry:	5-10 µl/million cells
	Immunofluorescence:	1:50-1:100
	Western Blotting:	1:100-1:200
Microbiological State:	This product is not sterile.	

Storage: 2° C  8° C

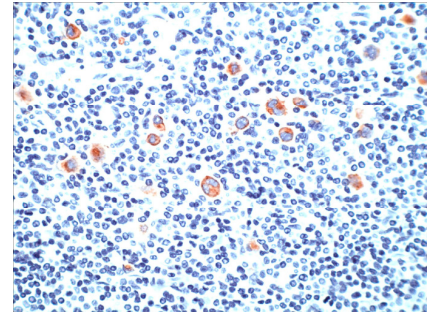


ScyTek Laboratories, Inc.
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 U.S.A.



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 Molsnstraat 15
 2513 BH Hague, The Netherlands

Uses/Limitations: Not to be taken internally.
For Research Use Only.
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 if reagent becomes cloudy.
Do not use past expiration date.
Non-Sterile.



Ordering Information and Current Pricing at www.scytek.com

Formalin-paraffin human Hodgkin's lymphoma stained with CD15 / FUT4; Clone Leu-M1 (MMA).

Procedure:

- Tissue Section Pretreatment (Required):** Staining of formalin fixed, paraffin embedded tissue sections is significantly enhanced by pretreatment with Citrate Plus (ScyTek catalog# CPL500).
- 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.
- Visualization:** For maximum staining intensity we recommend the "UltraTek HRP Anti-Polyvalent Lab Pack" (ScyTek catalog# UHP125, 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:

- Hanjan SN *et. al.* Clinical Immunology & Immunopathology, 1982;23(2):172-88.
- Hsu *et. al.* Amer J Clin Pathol 82: 29, 1984.
- Pinkus *et. al.* Am J Pathol 119: 244, 1985.

Warranty:


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Storage: 2° C  8° C



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