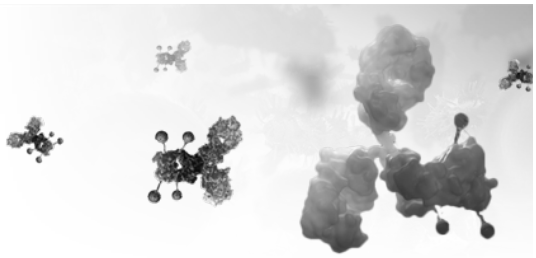

Mouse Anti-Human CD15/Leu-M1 monoclonal antibody, clone JID638 (CABT-L2787)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human CD15/Leu-M1
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID638
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Hodgkin's Lymphoma
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Cluster of differentiation 15 (CD15) is a carbohydrate adhesion molecule. Positive staining for CD15 and negative staining for leukocyte common antigen or other B- or T-cell lineage markers helps recognize Reed Sternberg cells (RSC) in Classical Hodgkin's Lymphoma (CHL), and distinguishes it from Hodgkin-like neoplasms. CD15 does not stain mesotheliomas and is therefore most useful for distinguishing epithelial mesothelioma from adenocarcinoma.
Keywords	FUT4;fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific);CD15, ELFT, FCT3A;alpha-(1,3)-fucosyltransferase;ELAM ligand fucosyltransferase;FUC TIV;galactoside 3 L fucosyltransferase;Lewis X;fucT-IV;fucosyltransferase IV

GENE INFORMATION

Gene Name	FUT4 fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific) [Homo sapiens (human)]
Official Symbol	FUT4
Synonyms	FUT4; fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific); LeX; CD15; ELFT; FCT3A; FUTIV; SSEA-1; FUC-TIV; alpha-(1,3)-fucosyltransferase 4; Lewis X; fucT-IV; fucosyltransferase IV; ELAM ligand fucosyltransferase; ELAM-1 ligand fucosyltransferase; galactoside 3-L-fucosyltransferase; stage-specific embryonic antigen 1;
Entrez Gene ID	2526
Protein Refseq	NP_002024
UniProt ID	P22083
Chromosome Location	11q21
Pathway	Glycosphingolipid biosynthesis - lacto and neolacto series; Metabolic pathways; Other types of O-glycan biosynthesis;
Function	alpha-(1->3)-fucosyltransferase activity; fucosyltransferase activity;

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