

ARG66877
anti-CD15 antibody [MMA]Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [MMA] recognizes CD15
Tested Reactivity	Hu
Tested Application	IHC-P
Specificity	This antibody reacts with CD15, a cell membrane molecule 3-fucosyl-N-acetyllactosamine (3-FAL) strongly expressed on granulocytes, monocytes, macrophages, mast cells; it is also present on Langerhans cells and some myeloid precursors cells. This antibody is a superior reagent for identifying of Hodgkin's lymphoma.
Host	Mouse
Clonality	Monoclonal
Clone	MMA
Isotype	IgM
Target Name	CD15
Species	Human
Immunogen	U937 histiocytic lymphoma cells.
Conjugation	Un-conjugated
Alternate Names	LeX; CD15; ELFT; FCT3A; FUTIV; SSEA-1; FUC-TIV; Alpha-(1,3)-fucosyltransferase 4; EC 2.4.1.-; ELAM-1 ligand fucosyltransferase; Fucosyltransferase 4; Fucosyltransferase IV; Fuc-TIV; FucT-IV; Galactoside 3-L-fucosyltransferase

Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>IHC-P</td><td>1:100 - 1:200</td></tr></tbody></table>	Application	Dilution	IHC-P	1:100 - 1:200
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IHC-P	1:100 - 1:200				
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

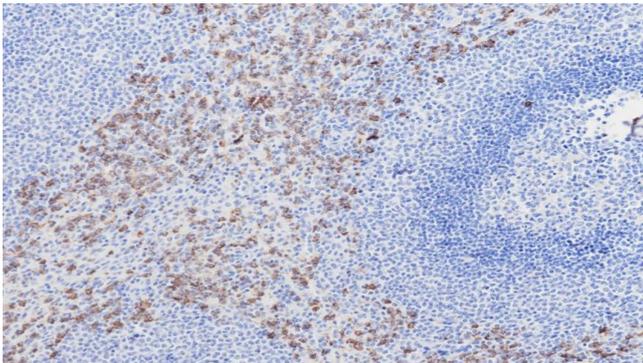
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FUT4
Gene Full Name	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)
Background	The product of this gene transfers fucose to N-acetyllactosamine polysaccharides to generate fucosylated carbohydrate structures. It catalyzes the synthesis of the non-sialylated antigen, Lewis x (CD15). [provided by RefSeq, Jan 2009]
Function	May catalyze alpha-1,3 glycosidic linkages involved in the expression of Lewis X/SSEA-1 and VIM-2 antigens. [UniProt]
Highlight	Related products: CD15 antibodies ; CD15 ELISA Kits ; CD15 Duos / Panels ; Anti-Mouse IgM secondary antibodies ; Related news: Lymphoma
Calculated Mw	59 kDa

Images



ARG66877 anti-CD15 antibody [MMA] IHC-P image

Immunohistochemistry: Formalin / PFA-fixed and paraffin-embedded human Hodgkins lymphoma stained with ARG66877 anti-CD15 antibody [MMA].