

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

### 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

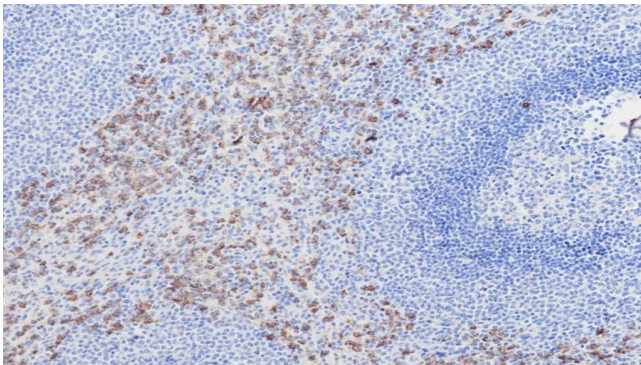
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**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-acetylglucosamine 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: <a href="#">CD15 antibodies</a> ; <a href="#">CD15 ELISA Kits</a> ; <a href="#">CD15 Duos / Panels</a> ; <a href="#">Anti-Mouse IgM secondary antibodies</a> ; Related news: <a href="#">Lymphoma</a>
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].