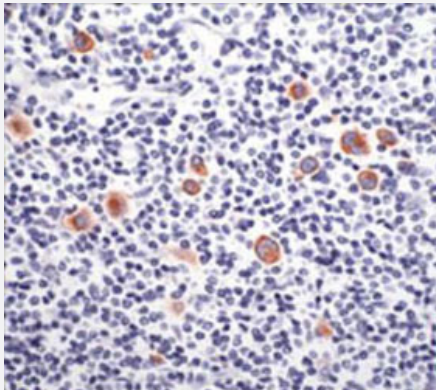


FUT4 monoclonal antibody, clone MMA (Leu-M1)

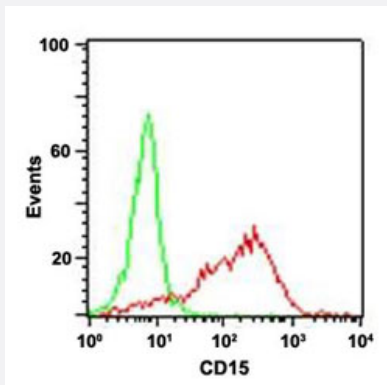
Catalog # MAB11295 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) analysis of Hodgkin's lymphoma with FUT4 monoclonal antibody, clone MMA (Leu-M1) (Cat # MAB11295) at 1:200 using peroxidase-conjugate and DAB chromogen (Note: membrane staining).



Flow Cytometry

Flow cytometric analysis of 10⁶ human monocytes using 25 ul of FUT4 monoclonal antibody, clone MMA (Leu-M1) (Cat # MAB11295).

Specification

Product Description	Mouse monoclonal antibody raised against FUT4.
Immunogen	The U937 histiocytic cell line.
Host	Mouse
Reactivity	Human
Form	Liquid

Purification	Polyethylene Glycol (PEG) precipitation
Isotype	IgM, kappa
Recommend Usage	Flow Cytometry (0.5-1ug/10 ⁶ cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10mM PBS (0.05% BSA and 0.05% azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) analysis of Hodgkin's lymphoma with FUT4 monoclonal antibody, clone MMA (Leu-M1) (Cat # MAB11295) at 1:200 using peroxidase-conjugate and DAB chromogen (Note: membrane staining).

- Immunofluorescence

- Flow Cytometry

Flow cytometric analysis of 10⁶ human monocytes using 25 ul of FUT4 monoclonal antibody, clone MMA (Leu-M1) (Cat # MAB11295).

Gene Info — FUT4

Entrez GeneID	2526
Gene Name	FUT4
Gene Alias	CD15, ELFT, FCT3A, FUC-TIV, FUTIV
Gene Description	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)
Omim ID	104230
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

ELAM ligand fucosyltransferase|fucosyltransferase 4|fucosyltransferase IV|galactoside 3-L-fucosyltransferase

Pathway

- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Metabolic pathways](#)