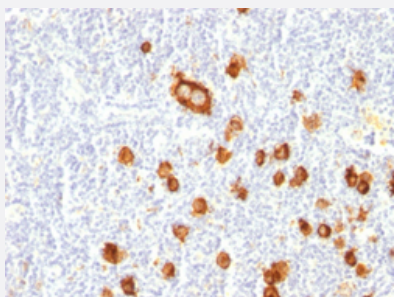


FUT4 monoclonal antibody, clone FUT4/815

Catalog # MAB13273 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Hodgkin's lymphoma with FUT4 monoclonal antibody, clone FUT4/815 (Cat # MAB13273).

Specification

Product Description	Mouse monoclonal antibody raised against native human FUT4.
Immunogen	Purified human neutrophils.
Host	Mouse
Theoretical MW (kDa)	~220
Reactivity	Human
Form	Liquid
Purification	PEG precipitation
Isotype	IgM, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells in 0.1 mL) 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 10 mM PBS (0.05% BSA, 0.05% sodium 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) of human Hodgkin's lymphoma with FUT4 monoclonal antibody, clone FUT4/815 (Cat # MAB13273).

- Immunofluorescence
- Flow Cytometry

Gene Info — FUT4

Entrez GeneID [2526](#)

Protein Accession# [P22083](#)

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](#)