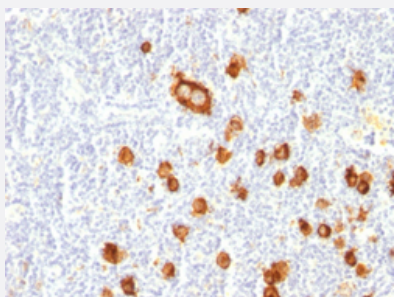


# FUT4 monoclonal antibody, clone FUT4/815

Catalog # MAB13274      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 # MAB13274).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against native human FUT4.
<b>Immunogen</b>	Purified human neutrophils.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	~220
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgM, kappa
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL for 30 min at RT) (Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0 for 45 min at 95°C followed by cooling at RT for 20 minutes) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 10 mM PBS (0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## 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](#)