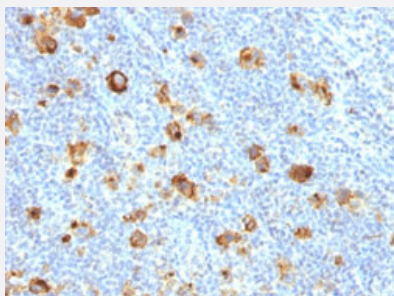


RecomAb™

# FUT4 recombinant monoclonal antibody, clone FUT4/1478R

Catalog # RAB00327      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 recombinant monoclonal antibody, clone FUT4/1478R (Cat # RAB00327).

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FUT4.
Antibody Species	Rabbit
Immunogen	Purified human neutrophils
Theoretical MW (kDa)	~220
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG, kappa
Recommend Usage	Flow Cytometry (2-4 ug/10 <sup>6</sup> cells) Immunofluorescence (2-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5-10 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 recombinant monoclonal antibody, clone FUT4/1478R (Cat # RAB00327).

- 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

## Publication Reference

- [Le\(X\) and related structures as adhesion molecules.](#)

Hakomori S.

The Histochemical Journal 1992 Nov; 24(11):771.

## Pathway

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