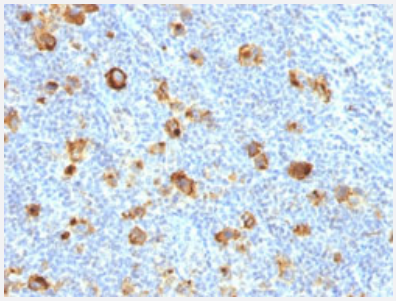
RecomAb™

FUT4 recombinant monoclonal antibody, clone FUT4/1478R

Catalog # RAB00328 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 # RAB00328).

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/10^6 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

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Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

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 # RAB00328).

- 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.

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Pathway

- Glycosphingolipid biosynthesis - lacto and neolacto series
- Metabolic pathways

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