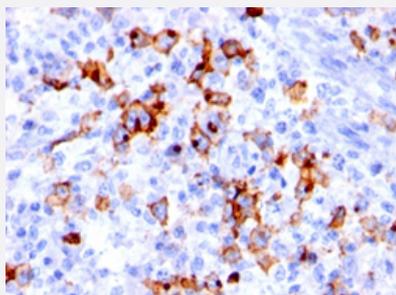


# FUT4 monoclonal antibody, clone BRA-4F1

Catalog # MAB13272      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 BRA-4F1 (Cat # MAB13272).

## Specification

|                             |   |
|-----------------------------|---|
| <b>Product Description</b>  | Mouse monoclonal antibody raised against native human FUT4.   |
| <b>Immunogen</b>            | Myelomonocytic leukemia cells.  |
| <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>      | Flow Cytometry (1-2 ug/million cells)<br>Immunofluorescence (1-2 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL for 30 min at RT) (Staining of formalin-fixed tissues requires heating tissue sections in 1 mM EDTA buffer, pH 7.5-8.5, for 45 min at 95°C followed by cooling at RT for 20 minutes)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>       | In 10 mM PBS (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 BRA-4F1 (Cat # MAB13272).

- 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](#)