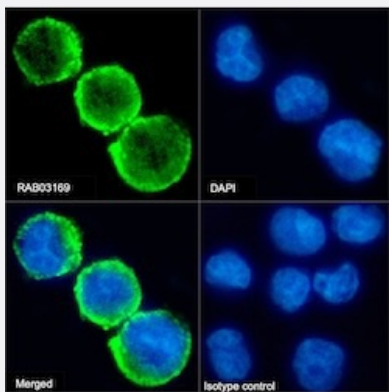


RecomAb™

FUT4 recombinant monoclonal antibody, clone BRA-4F1

Catalog # RAB03169 Size 200 ug

Applications



Immunofluorescence

Immunofluorescent staining of K562 cells with FUT4 recombinant monoclonal antibody, clone BRA-4F1 (Cat # RAB03169).

Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shi-fix™ coverslips stained with the chimeric r version of RAB03169 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right- top-bottom RAB03169- DAPI- merged channels and an isotype control. The isotype control was an unknown specificity antibody (3.0) followed by staining with Alexa Fluor® 488 secondary antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FUT4.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against human CD15.
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Flow Cytometry Immunofluorescence Immunohistochemistry Immunoprecipitation The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS with 0.02% Proclin 300

Storage Instruction

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry

- Immunofluorescence

Immunofluorescent staining of K562 cells with FUT4 recombinant monoclonal antibody, clone BRA-4F1 (Cat # RAB03169). Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shi-fix™ coverslips stained with the chimeric r version of RAB03169 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right- top-bottom RAB03169- DAPI- merged channels and an isotype control. The isotype control was an unknown specificity antibody (3.0) followed by staining with Alexa Fluor® 488 secondary antibody.

- Immunoprecipitation

- Flow Cytometry

Gene Info — FUT4

Entrez GeneID

[2526](#)

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-acetylglucosamine 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-fucosyl transferase

Pathway

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