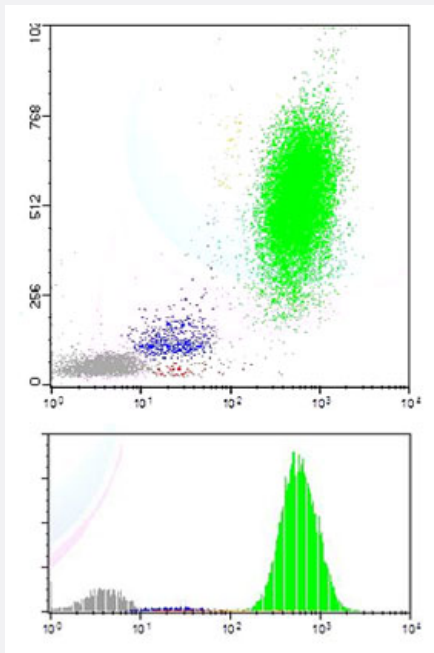


FUT4 monoclonal antibody, clone MCS-1

Catalog # MAB4969 Size 1 mg

Applications



Flow Cytometry

This reagent is effective for indirect immunofluorescence staining of normal peripheral blood from human for flow cytometric analysis using 0.5 ug/10⁶ cells. Cell were analyzed on a FACSCalibur (Becton Dickinson, San Jose, CA) flow cytometer, using Cell Quest acquisition software and PAINT-A-GATE. PRO, analysis software.

Specification

Product Description Mouse monoclonal antibody raised against FUT4.

Host Mouse

Reactivity Human

Form Liquid

Purification Protein A/G purification

Isotype IgG3

Recommend Usage Flow Cytometry (20 uL/10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer	In buffer containing 1% BSA, pH 7.2 (0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence
- Flow Cytometry
- Flow Cytometry

This reagent is effective for indirect immunofluorescence staining of normal peripheral blood from human for flow cytometric analysis using 0.5 ug/10⁶ cells. Cell were analyzed on a FACSCalibur (Becton Dickinson, San Jose, CA) flow cytometer, using Cell Quest acquisition software and PAINT-A-GATE. PRO, analysis software.

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-fucosyltransferase

Pathway

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

- [Metabolic pathways](#)