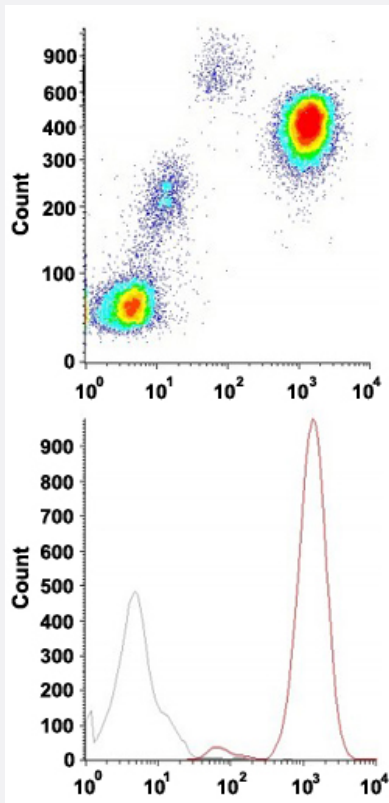


FUT4 monoclonal antibody, clone MCS-1 (FITC)

Catalog # MAB13811 Size 5 x 100 reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood leukocytes with FUT4 monoclonal antibody, clone MCS-1 (FITC) (Cat # MAB13811).

Specification

Product Description	Mouse monoclonal antibody raised against human FUT4.
Immunogen	X-hapten on lacto-N-fucose pentaosyl III.
Host	Mouse
Theoretical MW (kDa)	45
Reactivity	Human

Form	Liquid
Conjugation	FITC
Purification	Protein A/G purification
Purity	>90%
Isotype	IgG3
Recommend Usage	Flow Cytometry (20 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 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

- Flow Cytometry

Flow cytometric analysis of human peripheral blood leukocytes with FUT4 monoclonal antibody, clone MCS-1 (FITC) (Cat # MAB13811).

Gene Info — FUT4

Entrez GeneID	2526
Protein Accession#	Q2VLL5
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](#)