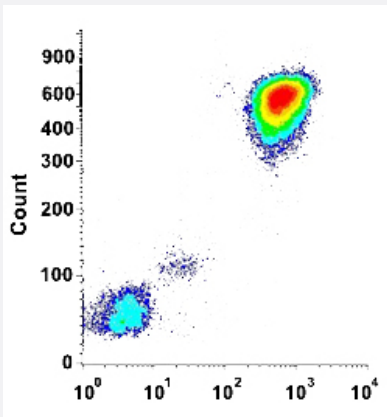


FUT4 monoclonal antibody, clone MCS-1 (Biotin)

Catalog # MAB13815 Size 100 ug

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with FUT4 monoclonal antibody, clone MCS-1 (Biotin) (Cat # MAB13815).

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 Biotin

Purification Protein A/G purification

Purity >90%

Isotype IgG3

Recommend Usage	Flow Cytometry (1 ug/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 lymphocytes with FUT4 monoclonal antibody, clone MCS-1 (Biotin) (Cat # MAB13815).

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-fucosyltransferase

Pathway

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