

FUT4 monoclonal antibody, clone FR4A5

Catalog # MAB20997 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against human FUT4.
Immunogen	Myelomonocytic leukemia cells
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgM, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells in 0.1 mL) Immunofluorescence (0.5-1ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 2 to 8°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- 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](#)