

FUT4 monoclonal antibody, clone 28 (FITC)

Catalog # MAB6048

Size 100 Reactions

Specification

Product Description	Mouse monoclonal antibody raised against native FUT4.
Immunogen	Native purified from human monocytes, separated from other peripheral blood leucocytes on fibronectin plates.
Host	Mouse
Reactivity	Human
Specificity	Specificity human CD15
Form	Liquid
Conjugation	FITC
Isotype	IgM
Recommend Usage	Flow Cytometry (10 ul/10 ⁶ cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- 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-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-fucosyl transferase

Publication Reference

- [Expression of the CD15 differentiation antigen \(3-fucosyl-N-acetyl-lactosamine, LeX\) on putative neutrophil adhesion molecules CR3 and NCA-160.](#)
Stocks SC, Albrechtsen M, Kerr MA.
The Biochemical Journal 1990 Jun; 268(2):275.

Pathway

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