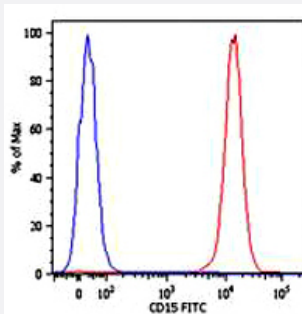


FUT4 monoclonal antibody, clone MEM-158

Catalog # MAB0878 Size 100 ug

Applications



Flow Cytometry

Surface staining of human peripheral blood cells with FUT4 monoclonal antibody, clone MEM - 158 (Cat # MAB0878) FITC. Cells in the granulocyte gate were used for analysis.

Specification

Product Description	Mouse monoclonal antibody raised against native FUT4.
Immunogen	Native purified FUT4 from human granulocytes.
Host	Mouse
Reactivity	Human
Specificity	This antibody reacts with CD15, a cell membrane molecule 3-fucosyl-N-acetyllactosamine (3-FAL) strongly expressed on granulocytes, monocytes, macrophages, mast cells; it is also present on Langerhans cells and some myeloid precursors cells.
Form	Liquid
Concentration	1 mg/mL
Isotype	IgM
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunoprecipitation
- Flow Cytometry

Surface staining of human peripheral blood cells with FUT4 monoclonal antibody, clone MEM - 158 (Cat # MAB0878) FITC. Cells in the granulocyte gate were used for analysis.

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](#)