



Anti-FUT4 monoclonal antibody, clone CSB-5G2 (DCABH-492)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to CD15
Antigen Description	CD15 is a carbohydrate adhesion molecule (and not a protein) that mediates phagocytosis and chemotaxis. Synthesis is directed by FUT4 in lymphoid cells and mature granulocytes, and by FUT9 in promyelocytes and monocytes.
Immunogen	Erythroid myeloid leukemia cells line K562.
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Human
Clone	CSB-5G2
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-Fr, ICC, ICC/IF
Positive Control	Reed Sternberg cells in Hodgkin's lymphoma tissue.
Format	Liquid
Size	1 ml
Buffer	pH: 7.40; Preservative: 0.05% Sodium azide; Constituents: 98% PBS, 1% BSA
Preservative	0.05% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	FUT4 fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific) [Homo sapiens]
Official Symbol	FUT4
Synonyms	FUT4; fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific); CD15, ELFT, FCT3A; alpha-(1,3)-fucosyltransferase; ELAM ligand fucosyltransferase; FUC TIV; galactoside 3 L fucosyltransferase; Lewis X; fucT-IV; fucosyltransferase IV; ELAM-1
Entrez Gene ID	2526
Protein Refseq	NP_002024
UniProt ID	P22083
Chromosome Location	11q12-qter
Pathway	Glycosphingolipid biosynthesis - lacto and neolacto series, organism-specific biosystem; Glycosphingolipid biosynthesis - lacto and neolacto series, conserved biosystem; Metabolic pathways, organism-specific biosystem; Other types of O-glycan biosynthesis, organism-specific biosystem; Other types of O-glycan biosynthesis, conserved biosystem;
Function	alpha-(1->3)-fucosyltransferase activity; fucosyltransferase activity; transferase activity, transferring glycosyl groups;