ARG22169
anti-CD15 antibody [28] (Biotin)

Package: 100 tests
Store at: 4°C

Summary

Product Description	Biotin-conjugated Mouse Monoclonal antibody [28] recognizes CD15
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-Fr
Specificity	Human CD15
Host	Mouse
Clonality	Monoclonal
Clone	28
Isotype	IgM, kappa
Target Name	CD15
Species	Human
Immunogen	Human Monocytes separated from other peripheral leukocytes on fibronectin plates
Conjugation	Biotin
Alternate Names	LeX; CD15; ELFT; FCT3A; FUTIV; SSEA-1; FUC-TIV; Alpha-(1,3)-fucosyltransferase 4; EC 2.4.1.-; ELAM-1 ligand fucosyltransferase; Fucosyltransferase 4; Fucosyltransferase IV; Fuc-TIV; FucT-IV; Galactoside 3-L-fucosyltransferase

Application Instructions

Application table

Application	Dilution
FACS	10 µl/10^6 cells
ICC/IF	Assay-dependent
IHC-Fr	Assay-dependent

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 2526 Human Swiss-port # P22083 Human
Gene Symbol	FUT4
Gene Full Name	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)
Background	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, Jan 2009]
Function	May catalyze alpha-1,3 glycosidic linkages involved in the expression of Lewis X/SSEA-1 and VIM-2 antigens. [UniProt]
Calculated Mw	59 kDa