

**DATASHEET**

**CD15 Mouse Monoclonal Antibody(C2710)**

CAT. NO. AMA02322

**KEY FEATURES**

Target	CD15	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

**BACKGROUND**

Catalyzes alpha(1->3) linkage of fucosyl moiety transferred from GDP-beta-L-fucose to N-acetyl glucosamine (GlcNAc) within type 2 lactosamine (LacNAc, Gal-beta(1->4)GlcNAc) glycan attached to N- or O-linked glycoproteins linkage of fucosyl moiety transferred from GDP-beta-L-fucose to N-acetyl glucosamine (GlcNAc) within type 2 lactosamine (LacNAc, Gal-beta(1->4)GlcNAc) glycan attached to N- or O-linked glycoproteins . Robustly fucosylates nonsialylated distal LacNAc unit of the poly-lactosamine chain to form Lewis X antigen (CD15), a glycan determinant known to mediate important cellular functions in development and immunity.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

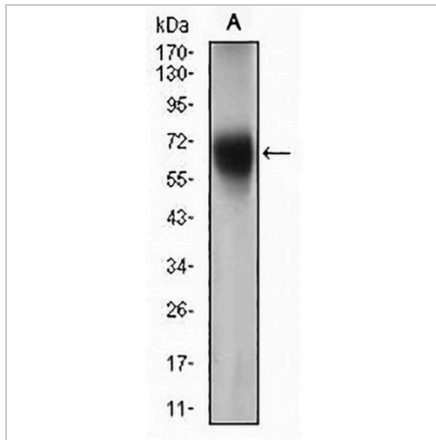
Description	Mouse monoclonal to CD15
Specificity	Recognizes endogenous levels of CD15 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD15 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 59 kD; Observed: 59 kD
Form/Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	ELFT; FCT3A; Alpha-(1,3)-fucosyltransferase 4; ELAM-1 ligand fucosyltransferase; Fucosyltransferase 4; Fucosyltransferase IV; Fuc-TIV; FucT-IV; Galactoside 3-L-fucosyltransferase
Gene Symbol	FUT4
Entrez Gene	2526(Human)
SwissProt	P22083(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of CD15 expression in Jurkat (A) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 59 kD kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.