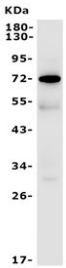
FUT4 Antibody / CD15 / SSEA-1 (RQ5725)

Catalog No.	Formulation	Size
RQ5725	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P22083
Applications	Western blot: 0.5-1ug/ml
Limitations	This FUT4 antibody is available for research use only.



FUT4 Antibody HL-60 Cell WB. Western blot testing of human HL-60 lysate with FUT4 antibody. Expected molecular weight: 59-140 kDa depending on level of glycosylation.

Description

FUT4 Antibody specifically detects Fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific), also known as FUT4, CD15 and SSEA-1, an enzyme which in humans is encoded by the FUT4 gene. 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 (CD15s).

For extensively published CD15 detection in Hodgkin lymphoma and leukocyte differentiation studies, see our CD15 Antibody / Leukocyte Differentiation Antigen Antibody page featuring clone Leu-M1/MMA with IHC, IF, and FACS

validation data.

Application Notes

Optimal dilution of the FUT4 antibody should be determined by the researcher.

Immunogen

Amino acids QAVQRAGDRPKSIRNLASWFER from the human protein were used as the immunogen for the FUT4 antibody.

Storage

After reconstitution, the FUT4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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