

Rabbit anti-Human, Mouse FUT3 Antibody | anti-FUT3 antibody

FUT3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324735	Rabbit	Human, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

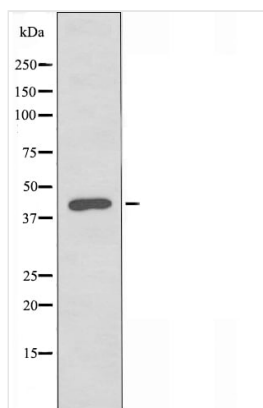
PRODUCT SYNONYMS

FUT3; FUT3 Antibody; Alpha-(1; 3/1; 4)-fucosyltransferase; Blood group Lewis alpha-4-fucosyltransferase; CD174; FT3B; Fucosyltransferase 3 (galactoside 3(4)-L-fucosyltransferase; Lewis blood group); Fucosyltransferase 3; Fucosyltransferase III; FucT III; FucT-III; FUT3_HUMAN; Galactoside 3(4)-L-fucosyltransferase; LE; Les; Lewis FT; anti-FUT3 antibody

PRODUCT SPECIFICATIONS

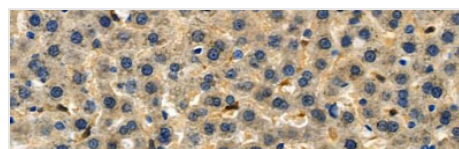
Host	Rabbit
Reactivity	Human, Mouse
Isotype	Polyclonal
Specificity	FUT3 Antibody detects endogenous levels of total FUT3.
Purity/Purification	Peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-FUT3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FUT3, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



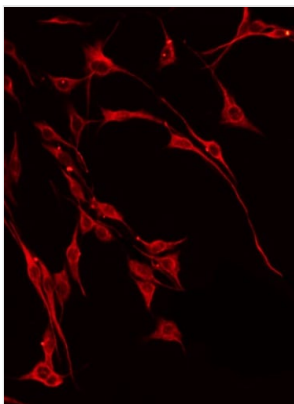
WB (Western Blot)

Western blot analysis of extracts from K562 cells using MRPS7 antibody.



IHC (Immunohistochemistry)

AAA324735 at 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

AAA324735 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FUT3 antibody	May catalyze alpha-1, 3 and alpha-1, 4 glycosidic linkages involved in the expression of Vim-2, Lewis A, Lewis B, sialyl Lewis X and Lewis X/SSEA-1 antigens. May be involved in blood group Lewis determination; Lewis-positive (Le+) individuals have an active enzyme while Lewis-negative (Le-) individuals have an inactive enzyme. Also acts on the corresponding 1, 4-galactosyl derivative, forming 1, 3-L-fucosyl links.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503809
NCBI GeneID	2525
NCBI Accession #	NP_000140.1
NCBI GenBank Nucleotide #	NM_000149.3
UniProt Accession #	P21217; Q32NE7; Q99448; Q99449; B5U7U9; B5U7V0
Molecular Weight	42 KD
NCBI Official Full Name	galactoside 3(4)-L-fucosyltransferase
NCBI Official Synonym Full Names	fucosyltransferase 3 (Lewis blood group)
NCBI Official Symbol	FUT3
NCBI Official Synonym Symbols	LE; Les; FT3B; CD174; FucT-III
NCBI Protein Information	galactoside 3(4)-L-fucosyltransferase
UniProt Protein Name	Galactoside 3(4)-L-fucosyltransferase
UniProt Gene Name	FUT3
UniProt Synonym Gene Names	FT3B; LE; Lewis FT; FucT-III

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.