

FUT3 Antibody

Catalog No: #34693

Package Size: #34693-1 50ul #34693-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

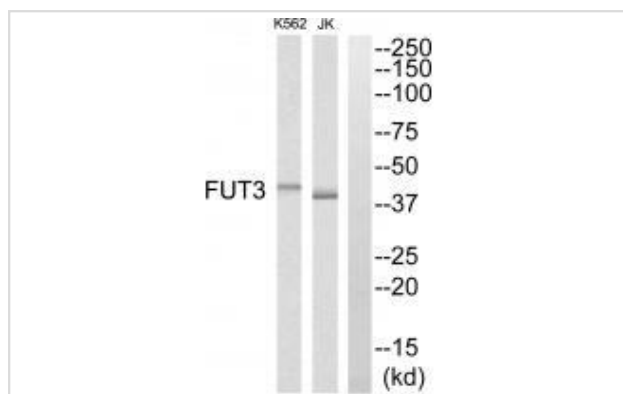
Product Name	FUT3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FUT3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human FUT3.
Target Name	FUT3
Other Names	Galactoside 3(4)-L-fucosyltransferase; Blood group Lewis alpha-4-fucosyltransferase; Lewis FT; Fucosyltransferase 3; FucT-III
Accession No.	Swiss-Prot: P21217NCBI Gene ID: 2525
Uniprot	P21217
GeneID	2525;
SDS-PAGE MW	42kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

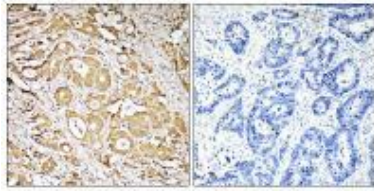
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from K562 cells and Jurkat cells, using MRPS7 antibody #34693.

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using MRPS7 antibody #34693.



Background

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.

Kukowska-Latallo J.F., Genes Dev. 4:1288-1303(1990).

Cameron H.S., J. Biol. Chem. 270:20112-20122(1995).

Rahim I., Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only