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Datasheet for ABIN1713374
anti-FUT3 antibody (AA 165-280)

Overview

Quantity:	100 µL
Target:	FUT3
Binding Specificity:	AA 165-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUT3 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Fucosyltransferase 3
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	FUT3
Alternative Name:	Fucosyltransferase 3 (FUT3 Products)

Target Details

Background:	<p>Synonyms: Blood group Lewis alpha-4-fucosyltransferase, Fucosyltransferase 3, Fucosyltransferase III, FucT-III, FUT3, FUT3_HUMAN, Galactoside 34-L-fucosyltransferase, gastric mucin, leB, lewis antigen system, lewis b, Lewis B Blood Group antigen, Lewis FT, lewisb, major airway glycoprotein, MUC5, mucin 5, subtypes A and C, tracheobronchial/gastric, mucin 5AC, oligomeric mucus/gel-forming, mucin 5AC, oligomeric mucus/gel-forming pseudogene, mucin-5 subtype AC, tracheobronchial, TBM, tracheobronchial mucin.</p> <p>Background: Glycosyltransferases that mediate the regio- and stereoselective transfer of sugars, such as the fucosyltransferases, determine cell surface-carbohydrate profiles, which is an essential interface for biological recognition processes. Fucosyltransferases catalyze the covalent association of fucose to different positional linkages in sugar acceptor molecules. The carbohydrate moieties generated and covalently attached to cell surfaces are necessary to ensure a surface contour that satisfies physiological roles, which are reliant on adhesion molecules such as Selectins (1-3). Hematopoietic lineages rely on Fucosyltransferases to confer a surface carbohydrate phenotype, which mediates proper cell adhesion molecule recruitment and cell trafficking (4-6). Blood Group Lewis b is a carbohydrate determinant carried on both glycolipids and glycoproteins.</p>
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Gene ID:	2525
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Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months