

# Product Datasheet

## Fucosyltransferase 3/FUT3 Antibody (2-25LE) - BSA Free NB500-526

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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[technical@novusbio.com](mailto:technical@novusbio.com)

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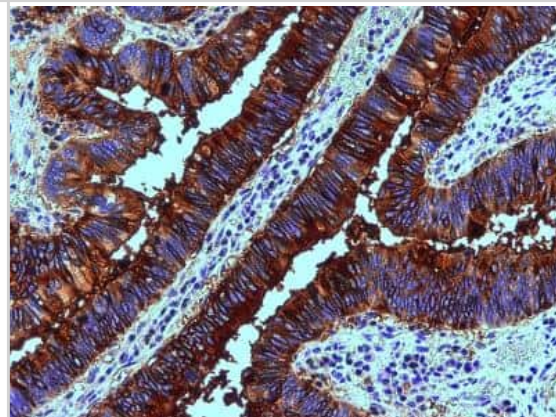


**NB500-526****Fucosyltransferase 3/FUT3 Antibody (2-25LE) - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2-25LE
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	2525
<b>Gene Symbol</b>	FUT3
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The antibody 2-25LE reacts with Lewisb blood group antigen, a carbohydrate determinant carried on both glycolipids and glycoproteins, detected on erythrocytes, certain epithelial cells, and in secretions of certain individuals.
<b>Immunogen</b>	Mucin isolated by size exclusion chromatography from an ovarian cyst fluid (pure endocervical type according to the Fenoglio's classification).
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000, ELISA 1:2000, Immunohistochemistry 5-10 ug/ml, Immunohistochemistry-Paraffin 5-10 ug/ml
<b>Application Notes</b>	Purity is > 95% (by SDS-PAGE). Heat mediated antigen retrieval (sodium citrate); mAb incubation 1 hour / RT; detection DAB

## Images

Immunohistochemistry: Blood Group Lewis b Antibody (2-25LE) [NB500-526] - Immunohistochemistry staining of human colon adenocarcinoma (paraffin sections) using anti-blood group Lewis b (clone 2-25LE).



Immunohistochemistry: Blood Group Lewis b Antibody (2-25LE) [NB500-526] - Staining of human small intestine (paraffin sections) using anti-blood group Lewis b (clone 2-25LE).



## Publications

Montesino B, Steenackers A, Lozano JM et al. Identification of alpha 1,2-Fucosylated Signaling and adhesion molecules in head and neck squamous cell carcinoma Glycobiology 2021-12-22 [PMID: 34939118]

Creuzot-Garcher C, Guerzider V, Assem M et al. Alteration of sialyl Lewis epitope expression in pterygium. Invest Ophthalmol Vis Sci. 1999-07-01 [PMID: 10393028]

First International Workshop on Monoclonal Antibodies Against Red Blood Cell and Related Antigens. Paris, September 21-24, 1987. Vol. II: Other blood group systems. Rev Fr Transfus Immunohematol. 1988-04-01 [PMID: 3212306]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB500-526**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-54732PEP	Fucosyltransferase 3/FUT3 Recombinant Protein Antigen

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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