

# Product Datasheet

## Tissue alpha-L-Fucosidase/FUCA1 Antibody (1D4) - Azide and BSA Free H00002517-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00002517-M01**

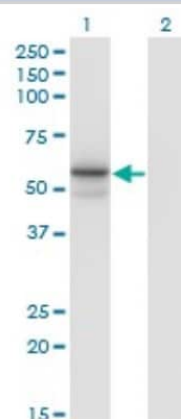
Tissue alpha-L-Fucosidase/FUCA1 Antibody (1D4) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D4
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2517
Gene Symbol	FUCA1
Species	Human
Specificity/Sensitivity	FUCA1 - fucosidase, alpha-L- 1, tissue
Immunogen	FUCA1 (AAH17338, 23 a.a. ~ 461 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VRR AQPPRRYTPDWPSLDSRPLPAWFDEAKFGVFIHWGVFSVPAWGSEWFW WHWQGEGRPQYQRFMRDNYPPGFSYADFGPQFTARFFHPEEWADLFQAAG AKYVVLTTKHHEGFTNWSPVSWNWNSKDVGPHRDLVGELGTALRKRNIRYG LYHSLLEWFHPLYLLDKKNGFKTQHFVSAKTMPELYDLVNSYKPDLIWSDGEW ECPDTYWNSTNFLSWLYNDSPVKDEVVVNDRWQGNCSCHHGGYYNCEKFK PQSLPDHKWEMCTSIDKFSWGYRRDMALSDVTEESEIISELVQTVSLGGNYLL NIGPTKDGLVPIFQERLLAVGKWLSINGEAIYASKPWRVQWEKNTTSVWYTSK GSAVYAIFLHWPENGVLNLESPITTSTTKITMLGIQGD LKWSTDPDKGLFISLPQ LPPSAVPAEFAWTIKLTGVK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA. Use in Immunohistochemistry reported in scientific literature (PMID: 26204487).

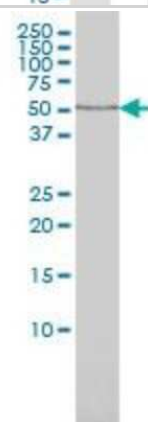


## Images

Western Blot: Tissue alpha-L-Fucosidase/FUCA1 Antibody (1D4) [H00002517-M01] - Analysis of FUCA1 expression in transfected 293T cell line by FUCA1 monoclonal antibody (M01), clone 1D4. Lane 1: FUCA1 transfected lysate(53.2 KDa). Lane 2: Non-transfected lysate.



Western Blot: Tissue alpha-L-Fucosidase/FUCA1 Antibody (1D4) [H00002517-M01] - FUCA1 monoclonal antibody (M01), clone 1D4 Western Blot analysis of FUCA1 expression in K-562 ( Cat # L009V1 ).



## Publications

Cheng TC, Tu SH, Chen LC et al. Down-regulation of alpha-L-fucosidase 1 expression confers inferior survival for triple-negative breast cancer patients by modulating the glycosylation status of the tumor cell surface. Oncotarget 2015-08-28 [PMID: 26204487] (IF/IHC)



### **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 H00002517-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-58170PEP	Tissue alpha-L-Fucosidase/FUCA1 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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