

# Product Datasheet

## Claudin-16 Antibody (1F2) - Azide and BSA Free H00010686-M02

Unit Size: 0.1 mg

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

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

### Publications: 1

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**H00010686-M02**

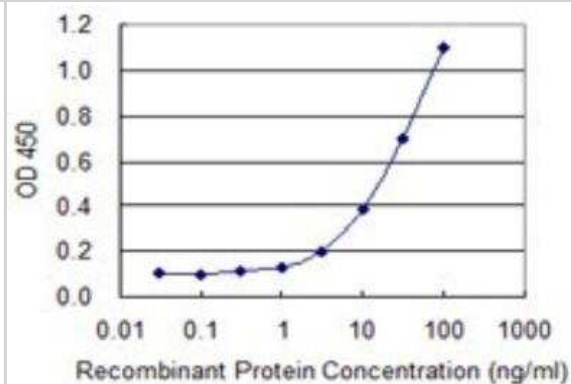
Claudin-16 Antibody (1F2) - Azide and BSA Free

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	1F2
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse Claudin-16 Antibody (1F2) - Azide and BSA Free (H00010686-M02) is a monoclonal antibody validated for use in WB and ELISA. Anti-Claudin-16 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10686
Gene Symbol	CLDN16
Species	Human
Specificity/Sensitivity	CLDN16 - claudin 16 (1F2)
Immunogen	CLDN16 (UniProt Accession # A0SDD8, 1 a.a. ~ 73 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MTSRTPLLVTACLYYSYCNSRHLQQGVRKSKRPVFSHCQVPETQKTDTRHLS GARAGVPCCHPDGLLATMRD  This sequence also corresponds to transcript ID ENST00000456423.1.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody Reactive Against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

## Images

Western Blot: Claudin-16 Antibody (1F2) [H00010686-M02] - Analysis of CLDN16 expression in transfected 293T cell line by CLDN16 monoclonal antibody (M02), clone 1F2. Lane 1: CLDN16 transfected lysate(33.8 KDa). Lane 2: Non-transfected lysate. ✖

ELISA: Claudin-16 Antibody (1F2) [H00010686-M02] - Detection limit for recombinant GST tagged CLDN16 is 0.3 ng/ml as a capture antibody.



## Publications

Hurd TW, Otto EA, Mishima E et al. Mutation of the Mg<sup>2+</sup> Transporter SLC41A1 Results in a Nephronophthisis-Like Phenotype. J Am Soc Nephrol 2013-05-01 [PMID: 23661805]



### **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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H00010686-M02**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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### **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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