

# Product Datasheet

## Transferrin Antibody (HTF-14) - BSA Free NB500-418

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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

**Reviews: 1 Publications: 1**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB500-418](http://www.novusbio.com/NB500-418)

Updated 9/9/2025 v.20.1

**Earn rewards for product  
reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB500-418](http://www.novusbio.com/reviews/destination/NB500-418)



**NB500-418**

Transferrin Antibody (HTF-14) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	HTF-14
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	77 kDa

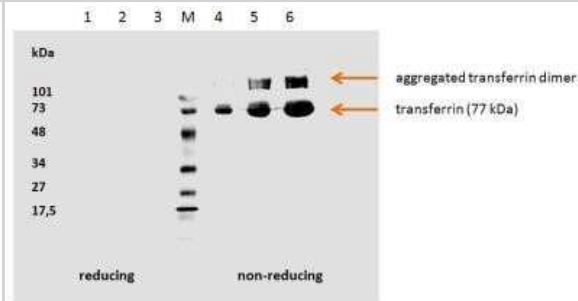
Product Description	
Description	Novus Biologicals Mouse Transferrin Antibody (HTF-14) - BSA Free (NB500-418) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Transferrin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7018
Gene Symbol	TF
Species	Human, Porcine, Rabbit, Bovine (Negative), Canine (Negative), Equine (Negative), Sheep (Negative)
Specificity/Sensitivity	The antibody HTF-14 recognizes an epitope located in the N-terminal domain of human serum transferrin, a 77 kDa single polypeptide chain glycoprotein (member of the iron binding family of proteins). It is synthesised in the liver and consists of two domains each having a high affinity reversible binding site for Fe <sup>3+</sup> .
Immunogen	Purified porcine transferrin.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Radioimmunoassay
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:2000, Radioimmunoassay 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 10 ug/ml, Radioimmunoassay 1:100-1:2000
Application Notes	Western Blot: use non-reducing conditions. The antibody HTF-14 blocks binding of transferrin to the receptor. Purity is > 95% (by SDS-PAGE).

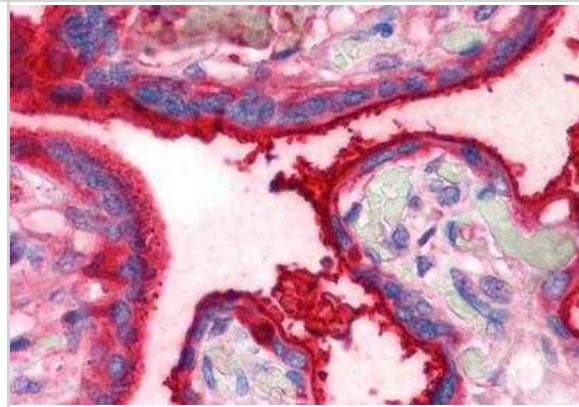


## Images

Western Blot: Transferrin Antibody (HTF-14) [NB500-418] - Analysis using the Azide Free version of NB500-418. Detection of 1. hTransferrin; 5 ug/well (red. con.) 2. hTransferrin; 3 ug/well (red. con.) 3. hTransferrin; 1 ug/well (red. con.) M. Low Range marker 4. hTransferrin; 1 ug/well (non-red. con.) 5. hTransferrin; 3 ug/well (non-red. con.) 6. hTransferrin; 5 ug/well (non-red. con.)



Immunohistochemistry-Paraffin: Transferrin Antibody (HTF-14) [NB500-418] - Staining of human placenta (paraffin sections) using anti-transferrin (HTF-14).



## Publications

Principe P, Mukosera GT, Gray-Hutto N et al. Nitric Oxide Affects Heme Oxygenase-1, Hepcidin, and Transferrin Receptor Expression in the Placenta International journal of molecular sciences 2023-03-20 [PMID: 36982960] (WB, Human)



### **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 NB500-418**

---

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB500-418](http://www.novusbio.com/reviews/submit/NB500-418)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

