

# Product Datasheet

## Flotillin-1 Antibody - BSA Free

### NBP1-79022

Unit Size: 100 ul

Store at 4C. Do not freeze.

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



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

**Reviews: 1 Publications: 3**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-79022](http://www.novusbio.com/NBP1-79022)

Updated 4/13/2025 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/NBP1-79022](http://www.novusbio.com/reviews/destination/NBP1-79022)



**NBP1-79022**

Flotillin-1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

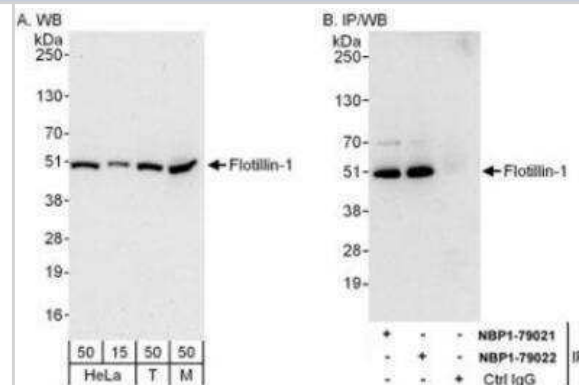
Product Description	
Host	Rabbit
Gene ID	10211
Gene Symbol	FLOT1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 377 and 427 of human Flotillin 1 using the numbering given in entry NP_005794.1 (GeneID 10211).

Product Application Details	
Applications	Western Blot, Simple Western, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Simple Western, Immunoprecipitation 2-10 ug/mg
Application Notes	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE

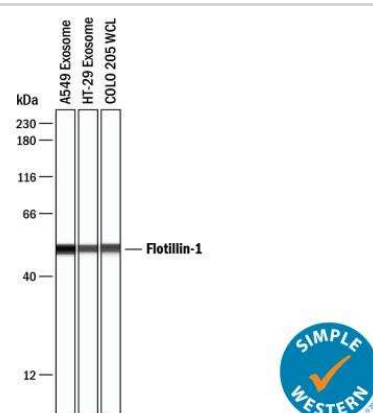


## Images

Western Blot: Flotillin-1 Antibody [NBP1-79022] - Whole cell lysate from HeLa (15 and 50 mcg for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 mcg) and mouse NIH3T3 (M; 50 mcg) cells. Antibodies: Affinity purified rabbit anti-Flotillin-1 antibody used for WB at 0.1 mcg/ml (A) and 1 mcg/ml (B) and used for IP at 6 mcg/mg lysate. Flotillin-1 was also immunoprecipitated by rabbit anti-Flotillin-1 antibody NBP1-79021 which recognizes an upstream epitope.



Simple Western: Flotillin-1 Antibody [NBP1-79022] - Simple Western lane view shows lysates of Exosome Standards (A549 cell line) (NBP3-11645), exosome standards (HT29 cell line) (NBP3-11685), and COLO 205 human colorectal adenocarcinoma cell line whole cell lysate (WCL), loaded at 0.2 mg/mL. A specific band was detected for Flotillin-1 at approximately 51 kDa (as indicated) using 1:250 ug/mL of Flotillin-1 antibody (NBP1-79022). This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.



## Publications

Brambilla D, Panico F, Unlu M, Chiari M Sequential separation and profiling of extracellular vesicles using antibody-aptamer conjugates ChemRxiv 2023-11-29 (WB, Human)

Eitan E, Thornton-Wells T, Elgart K et al. Synaptic proteins in neuron-derived extracellular vesicles as biomarkers for Alzheimer's disease: novel methodology and clinical proof of concept Extracellular Vesicles and Circulating Nucleic Acids 2023-03-31 (IA, Human)

Lu A, Wawro P, Morgens DW et al. Genome-wide interrogation of extracellular vesicle biology using barcoded miRNAs Elife 2018-12-17 [PMID: 30556811] (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 NBP1-79022**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010211-Q01-10ug	Recombinant Human Flotillin-1 GST (N-Term) Protein

---

### **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/NBP1-79022](http://www.novusbio.com/reviews/submit/NBP1-79022)

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

