

# Product Datasheet

## ELMO1 Antibody NB100-875

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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



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

### Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-875](http://www.novusbio.com/NB100-875)

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/NB100-875](http://www.novusbio.com/reviews/destination/NB100-875)



**NB100-875**

## ELMO1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat ELMO1 Antibody (NB100-875) is a polyclonal antibody validated for use in WB, ELISA and IP. Anti-ELMO1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	9844
Gene Symbol	ELMO1
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody is expected to recognise both human isoforms of this protein. NP_569709.1 and NP_001034548.1 represent the same isoform.
Immunogen	Peptide with sequence PKEPSNYDFVYDCN corresponding to C-Terminus according to NP_055615.8, NP_569709.1, NP_001034548.1.

Product Application Details	
Applications	Western Blot, Immunoprecipitation, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunoprecipitation 1:10 - 1:500, Peptide ELISA Detection limit 1:128000
Application Notes	Western blot: Approx 83kDa band observed in Human Brain (Frontal Cortex) lysates, in Mouse and Rat Brain lysates and in lysates of cell line Jurkat (calculated MW of 83.8kDa according to NP_055615.8). Immunoprecipitation: This antibody has been successfully used in IP from BAEC cells as described in the following paper: Epting et al, Circ Res. 2010 Jul 9;107(1):45-55; PMID: 20466982. IP; An anonymous customer found positive results in IP on Human promyelocytic leukemia cells (HL60)

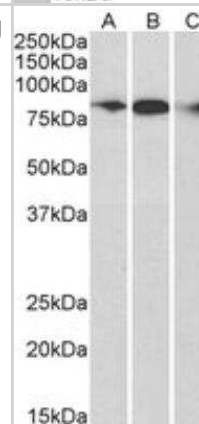


## Images

Western Blot: ELMO1 Antibody [NB100-875] - (0.3ug/ml) staining of Jurkat cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunoprecipitation: ELMO1 Antibody [NB100-875] - (0.3ug/ml) staining of Human Frontal Cortex (A), Mouse (B) and Rat (C) Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Gumienny TL, Brugnera E, Tosello-Tramont AC et al. CED-12/ELMO, a novel member of the CrkII/Dock180/Rac pathway, is required for phagocytosis and cell migration. *Cell* 2001-10-05 [PMID: 11595183]

Epting D, Wendik B, Bennewitz K et al. The Rac1 regulator ELMO1 controls vascular morphogenesis in zebrafish. *Circ Res* 2010-07-01 [PMID: 20466982]



### **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 NB100-875**

---

NBL1-10239	ELMO1 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

---

### **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/NB100-875](http://www.novusbio.com/reviews/submit/NB100-875)

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



