

# Product Datasheet

## ESRP1/2 Antibody (23A7.C9) - BSA Free NBP1-77971

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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



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

### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-77971](http://www.novusbio.com/NBP1-77971)

Updated 2/21/2025 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/NBP1-77971](http://www.novusbio.com/reviews/destination/NBP1-77971)



**NBP1-77971**

ESRP1/2 Antibody (23A7.C9) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	23A7.C9
Preservative	0.01% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

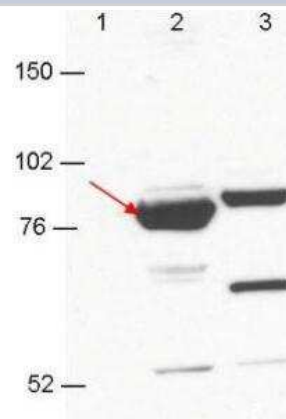
Product Description	
Description	<p>This antibody was purified from tissue culture supernatant by Protein-A chromatography followed by extensive dialysis against the buffer stated above</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Mouse
Gene ID	54845
Gene Symbol	ESRP1
Species	Human, Mouse
Reactivity Notes	A BLAST analysis of the immunizing protein sequence shows 100% homology with ESRP1/2 from mouse and a 91% sequence homology with ESRP1/2 from human, pig, rat, opossum, horse, cattle, panda, dog, and chimpanzee. The binding epitope of this monoclonal antibody has not been mapped.  Use in Human reported in scientific literature (PMID: 33500360)
Specificity/Sensitivity	This antibody reacts with both mouse ESRP1/2 and Esrp-2 proteins. A BLAST analysis of the immunizing protein sequence shows 100% homology with ESRP1/2 from mouse and a 91% sequence homology with ESRP1/2 from human, pig, rat, opossum, horse, cattle, panda, dog, and chimpanzee. The binding epitope of this monoclonal antibody has not been mapped.
Immunogen	ESRP1/2 Antibody (23A7.C9) was produced by repeated immunizations of full length recombinant mouse Esrp-1 fusion protein. (Uniprot: Q8K0G8)

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000, ELISA 1:750000
Application Notes	This protein-A purified antibody has been tested for use western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 75.5 kDa in size corresponding to Esrp-1 and 77.4 kDa in size corresponding to Esrp-2 by western blotting in the appropriate cell lysate or extract.



## Images

Western Blot: ESRP1/2 Antibody (23A7.C9) [NBP1-77971] - 293T cell extracts. Lane 1: GFP-transfected. Lane 2: Esrp-1 transfected (arrow). Lane 3: Esrp-2 transfected. Each lane contains approximately 5 ug of lysate. Primary antibody was used at a 1:1000 dilution in PBS-T plus milk, and reacted for 1hr at room temperature. The membrane was washed and reacted with a 1:10,000 dilution of an anti-mouse ECL antibody for 1hr at room temperature. Molecular weight estimation was made by comparison to prestained MW markers.



## Publications

Ye Q, Mohamed R, Dukhlallah D et al. Molecular Analysis of ZNF71 KRAB in Non-Small-Cell Lung Cancer International Journal of Molecular Sciences 2021-04-04 [PMID: 33916522] (WB, Human)

Addison JB, Voronkova MA, Fugett JH, et al. Functional hierarchy and cooperation of EMT master transcription factors in breast cancer metastasis Molecular cancer research : MCR 2021-01-26 [PMID: 33500360] (WB, Human)

Warzecha CC, Jiang P, Amirikian K et al. An ESRP-regulated splicing programme is abrogated during the epithelial-mesenchymal transition. EMBO J 2010-10-01 [PMID: 20711167]



### **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 NBP1-77971**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
291-G1-200	IGF-I/IGF-1 [Unconjugated]

---

### **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/NBP1-77971](http://www.novusbio.com/reviews/submit/NBP1-77971)

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

