

# Product Datasheet

## IMR-32 Nuclear Cell Lysate

### L008V4

Unit Size: 0.05 mg

Store at -80C. Avoid freeze-thaw cycles.

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



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/L008V4](http://www.novusbio.com/L008V4)

Updated 6/27/2023 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/L008V4](http://www.novusbio.com/reviews/destination/L008V4)



**L008V4****IMR-32 Nuclear Cell Lysate**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	2 mg/ml
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Buffer</b>	20mM HEPES pH 7.9, 20%(v/v) glycerol, 50mM KCl, 0.2 mM EDTA, 0.5 mM DTT & 0.5 mM PMSF.
<b>Product Description</b>	
<b>Description</b>	Quality control test: 12.5% SDS-PAGE Stained with Coomassie Blue. Nuclear extract cell lysate (non-denatured)
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	IMR-32 (human neuroblastoma) nuclear extract lysate (non-denatured)
<b>Preparation Method</b>	Nuclear extract was prepared by using a modified protocol of Dignam et al. Cells were Harvested and homogenized in Buffer A, and then centrifugated at 25,000 g for 20 minutes to remove cytoplasm and pellet the nuclei. The pellet was re-suspended in Buffer C, and then the suspensions were centrifuged to collect nuclear extract. The supernatant was dialyzed against Buffer D. The dialysate was then centrifuged, divided into aliquots, and stored at -80C. The protein concentration was determined by the method of Bradford. The lysate was adjusted to 2 mg/ml.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Lysate Type</b>	Cell
<b>Lysate Tissue</b>	Brain
<b>Lysate Protein State</b>	Native
<b>Lysate Subcellular Fraction</b>	Nuclear
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot, Immunoprecipitation
<b>Application Notes</b>	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.



### **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  
novus@novusbio.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: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months 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/L008V4](http://www.novusbio.com/reviews/submit/L008V4)

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

