

# Product Datasheet

## PEAK1 Antibody (1G9) - Azide and BSA Free H00079834-M04

Unit Size: 0.1 mg

Aliquot and store at -20C or -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/H00079834-M04](http://www.novusbio.com/H00079834-M04)

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/H00079834-M04](http://www.novusbio.com/reviews/destination/H00079834-M04)



**H00079834-M04**

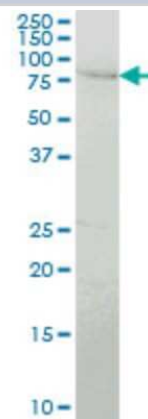
PEAK1 Antibody (1G9) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                                                                                                               |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                     |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                                         |
| Clonality                   | Monoclonal                                                                                                                                                                                                                           |
| Clone                       | 1G9                                                                                                                                                                                                                                  |
| Preservative                | No Preservative                                                                                                                                                                                                                      |
| Isotype                     | IgG2a Kappa                                                                                                                                                                                                                          |
| Purity                      | IgG purified                                                                                                                                                                                                                         |
| Buffer                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                      |
| Description                 | Novus Biologicals Mouse PEAK1 Antibody (1G9) - Azide and BSA Free (H00079834-M04) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.                    |
| Host                        | Mouse                                                                                                                                                                                                                                |
| Gene ID                     | 79834                                                                                                                                                                                                                                |
| Gene Symbol                 | PEAK1                                                                                                                                                                                                                                |
| Species                     | Human                                                                                                                                                                                                                                |
| Reactivity Notes            | Human. Other species not tested.                                                                                                                                                                                                     |
| Specificity/Sensitivity     | KIAA2002 - KIAA2002 protein                                                                                                                                                                                                          |
| Immunogen                   | PEAK1 (NP_079052.2, 1151 a.a. ~ 1250 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>TPPPLPKKMIIIRANTEPISKDLQKSMESSLCVMANPTYDIDPNWDASSAGSSISY<br>ELKGLDIESYDSLERPLRKERPVPSPAANSISSLTTLTIKDRFSNS |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                   |
| Product Application Details |                                                                                                                                                                                                                                      |
| Applications                | Western Blot, ELISA, Sandwich ELISA                                                                                                                                                                                                  |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Sandwich ELISA                                                                                                                                                                                            |
| Application Notes           | Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA.                                                                                                                     |

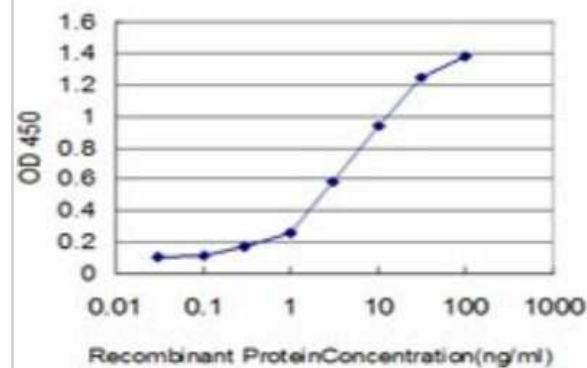


## Images

Western Blot: PEAK1 Antibody (1G9) [H00079834-M04] - Analysis of KIAA2002 expression in HeLa (Cat # L013V1).



Sandwich ELISA: PEAK1 Antibody (1G9) [H00079834-M04] - Detection limit for recombinant GST tagged KIAA2002 is approximately 0.3ng/ml as a capture antibody.



**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 H00079834-M04**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg   | Mouse IgG2a Kappa Isotype Control (M2AK)                |
| H00079834-Q01-10ug | Recombinant Human PEAK1 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/H00079834-M04](http://www.novusbio.com/reviews/submit/H00079834-M04)

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

