

# Product Datasheet

## RED1 Antibody - Azide and BSA Free H00000104-B01P

Unit Size: 0.05 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/H00000104-B01P](http://www.novusbio.com/H00000104-B01P)

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/H00000104-B01P](http://www.novusbio.com/reviews/destination/H00000104-B01P)



**H00000104-B01P**

RED1 Antibody - Azide and BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.05 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           | Polyclonal                                                                                                       |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG                                                                                                              |
| Purity              | Protein A purified                                                                                               |
| Buffer              | PBS (pH 7.4)                                                                                                     |

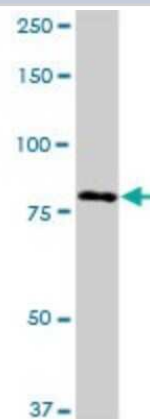
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Quality control test: Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID                 | 104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Symbol             | ADARB1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity/Sensitivity | Reacts with adenosine deaminase, RNA-specific, B1 (RED1 homolog rat).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen               | ADARB1 (NP_056648.1, 1 a.a. - 741 a.a.) full-length human protein.<br>MDIEDEENMSSSTDVKENRNLDNVSPKDGSTPGPGEGSQLSNGGGGGPGR<br>KRPLEEGSNGHISKYRLKKRRKTPGPVLPKNALMQLNEIKPGLQYTLLSQTGPV<br>HAPLFVMSVEVNGQVFEGSGPTKKKAKLHAAEKALRSFVQFPNASEAHLAMG<br>RTLSVNTDFTSDQADFPDTLFGFETPDKAEPFVYVGSNGDDSFSSSGDLSLS<br>ASVPASLAQPPLPVLPFPFPPSGKNPVMILNELRPLKYDFLSESGESHAKSF<br>VMSVVVDGQFFEGSGRNKKLAKARAAQSALAAIFNLHLDQTPSRQPIPSEGLQ<br>LHLPQVLADAVSRLVLGKFGDLTDNFSSPHARRKVLGVVMTTGTVDKDAKVI<br>SVSTGTKCINGEYMSDRGLALNDCHAEIISRRSLLRFLYTQLELYLNNKDDQKR<br>SIFQKSERGGFRLKENVQFHLIYSTPCGDARIFSPHEPILEGSRSYTQAGVQW<br>CNHGSLQPRPPGLLSDPSTSTFQGAGTTEPADRHPPNRKARGQLRTKIESGEG<br>TIPVRSNASIQTWDGVLQGERLLTMSCSDKIARWNVVGIIQGSLLSIFVEPIYFSSI<br>ILGSLYHGDHLSRAMYQRISNIEDLPPLYTLNKPLLSGISNAEARQPGKAPNFSV<br>NWTVGDSAIEVINATTGKDELGRASRLCKHALYCRWMRVHGKVP SHLLRSKIT<br>KPNVYHESKLAKEYQAARLFTAFIKAGLGAWVEKPTEQDQFSLTP |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Product Application Details |                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence                                                       |
| Recommended Dilutions       | Western Blot, Immunocytochemistry/ Immunofluorescence                                                       |
| Application Notes           | This antibody is reactive against tissue and transfected lysate in WB and as a detection antibody in ELISA. |

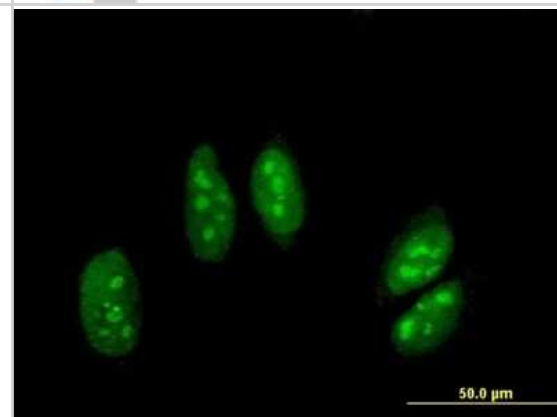


## Images

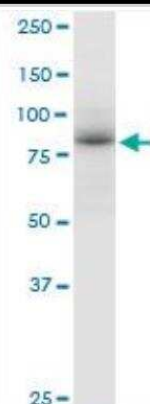
Western Blot: RED1 Antibody [H00000104-B01P] - Analysis of ADARB1 expression in human kidney.



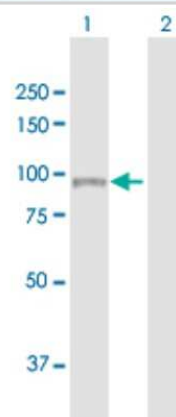
Immunocytochemistry/Immunofluorescence: RED1 Antibody [H00000104-B01P] - Analysis of purified antibody to ADARB1 on HeLa cell. (antibody concentration 10 ug/ml)



Western Blot: RED1 Antibody [H00000104-B01P] - Expression in HepG2.



Western Blot: RED1 Antibody [H00000104-B01P] - Analysis of ADARB1 expression in transfected 293T cell line by ADARB1 polyclonal antibody. Lane 1: ADARB1 transfected lysate(81.51 KDa). Lane 2: Non-transfected lysate.



**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 H00000104-B01P**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97019-5mg     | Mouse IgG Isotype Control                               |
| H00000104-Q01-10ug | Recombinant Human RED1 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/H00000104-B01P](http://www.novusbio.com/reviews/submit/H00000104-B01P)

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

