

# Product Datasheet

## OSR1 Antibody (1G9) - Azide and BSA Free H00130497-M10

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)

### Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/H00130497-M10](http://www.novusbio.com/H00130497-M10)

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/H00130497-M10](http://www.novusbio.com/reviews/destination/H00130497-M10)



**H00130497-M10**

OSR1 Antibody (1G9) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1G9
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4

**Product Description**

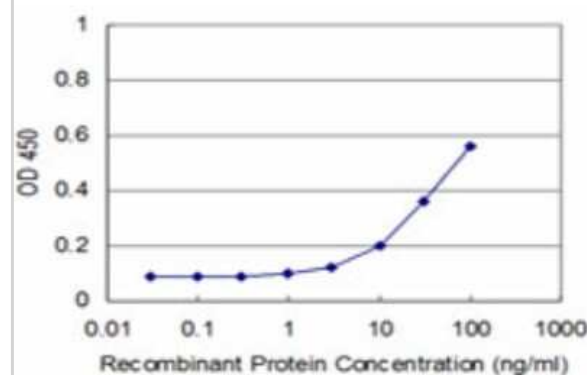
<b>Host</b>	Mouse
<b>Gene ID</b>	130497
<b>Gene Symbol</b>	OSR1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Human. Other species not tested.
<b>Specificity/Sensitivity</b>	OSR1 - odd-skipped related 1 (Drosophila)
<b>Immunogen</b>	OSR1 (NP_660303, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MGSKTLPAPVPIHPSLQLTNYSFLQAVNGLPTVPSDHLPLNLYGFSALHAVHLHQ WTLGYPMHLPRSSFVKVPGTVSSSLVDARFQLPAFPWFPHVQPKP
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA, Sandwich ELISA
<b>Application Notes</b>	Antibody reactive against recombinant protein on ELISA. GST alone used as a negative control.

**Images**

Sandwich ELISA: OSR1 Antibody (1G9) [H00130497-M10] - Detection limit for recombinant GST tagged OSR1 is approximately 1ng/ml as a capture antibody.



## Publications

Yoshida S, Araki Y, Mori T et al. Decreased KLHL3 expression is involved in the pathogenesis of pseudohypoaldosteronism type II caused by cullin 3 mutation in vivo. Clin Exp Nephrol 2018-06-05 [PMID: 29869755]

Hashimoto H, Nomura N, Shoda W et al. Metformin increases urinary sodium excretion by reducing phosphorylation of the sodium- chloride cotransporter. Metabolism 2018-03-03 [PMID: 29510178]

Kasagi Y, Takahashi D, Aida T et al. Impaired degradation of medullary WNK4 in the kidneys of KLHL2 knockout mice. Biochem Biophys Res Commun 2017-04-14 [PMID: 28414128]

Takahashi D, Mori T, Nomura N et al. WNK4 is the major WNK kinase positively regulating NCC in the mouse kidney. Biosci Rep. 2014-03-21 [PMID: 24655003]





### **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 H00130497-M10**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
DVE00	VEGF [HRP]

### **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/H00130497-M10](http://www.novusbio.com/reviews/submit/H00130497-M10)

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

