

# Product Datasheet

## BLIMP1/PRDM1 Antibody NBP2-27180

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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



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

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-27180](http://www.novusbio.com/NBP2-27180)

Updated 10/23/2024 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/NBP2-27180](http://www.novusbio.com/reviews/destination/NBP2-27180)



**NBP2-27180****BLIMP1/PRDM1 Antibody****Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	0.1 ml crude whole Rabbit sera with 50% Glycerol

**Product Description**

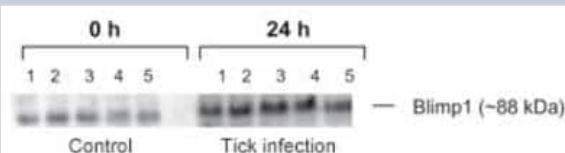
<b>Host</b>	Rabbit
<b>Gene ID</b>	639
<b>Gene Symbol</b>	PRDM1
<b>Species</b>	Human, Bovine
<b>Reactivity Notes</b>	The BLIMP-1 (PRDM1) amino acid sequence used as immunogen for this antibody is 85% homologous in mouse.
<b>Marker</b>	Plasma Cell Marker
<b>Specificity/Sensitivity</b>	It is 100% homologous in isoforms 1 and 2 of human BLIMP-1 (PRDM1).
<b>Immunogen</b>	Amino acids 692-719 of human BLIMP-1 (PRDM1) were used as the immunogen for this antibody.

**Product Application Details**

<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000

**Images**

Western Blot: BLIMP1/PRDM1 Antibody [NBP2-27180] - Analysis of BLIMP-1 using BLIMP-1 polyclonal antibody in cattle skin extracts from 5 different animals. Protein expression of increased 1.5-4 fold when measured 24 h after tick infection. (loading was standardized with a GAPDH antibody). BLIMP-1 was detected at ~88 kDa. Data courtesy of Kongsuwan et al.



## Publications

Kongsuwan K, Josh P, Colgrave ML et al. Activation of several key components of the epidermal differentiation pathway in cattle following infestation with the cattle tick, *Rhipicephalus (Boophilus) microplus*. *Int J Parasitol*. 2010-03-15 [PMID: 19909754] (WB, Bovine)

Details:  
WB (Fig 4E): cattle skin extracts prepared from frozen samples. PRDM1/BLIMP-1 was detected at ~88 kDa.





### **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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-27180**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000639-Q01-10ug	Recombinant Human BLIMP1/PRDM1 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/NBP2-27180](http://www.novusbio.com/reviews/submit/NBP2-27180)

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

