

# Product Datasheet

## Zhangfei Antibody - Azide and BSA Free NBP2-94859-0.1ml

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-94859-0.1ml**

Zhangfei Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	37 kDa

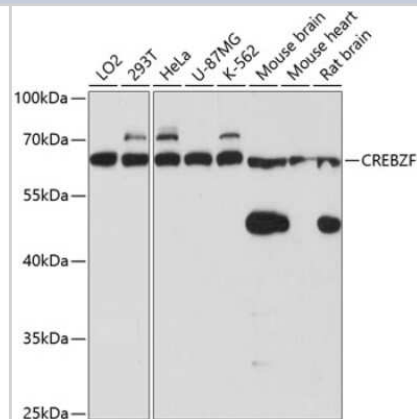
Product Description	
Description	Novus Biologicals Rabbit Zhangfei Antibody - Azide and BSA Free (NBP2-94859) is a polyclonal antibody validated for use in WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	58487
Gene Symbol	CREBZF
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-354 of human CREBZF (NP_001034707.1). MRHSLTKLLAASGSNSPTRSESPAPAATCSLPSDLTRAAAGEEETAAAGSPGR KQQFGDEGELEAGRGSRGVAVRAPSPEEMEEEEIASLPGEETEDMDFLSGL ELADLLDPRQPDWHLDPGLSSPGLSSSSGGGSDSGGLWRGDDDDDEAAAAEM QRFSDLLQRLLNGIGGCSSSSDSGSAEKRRRKSPGGGGGGGSGNDNNQAAT KSPRKAATAAARLNRLKKKEYVMGLESRVRGLAAENQELRAENRELGKRVA LQEESRYLRAVLANETGLARLLSRLSGVGLRLTTSLFRDSPAGDHDYALPVGK QKQDLLEEDDSAGGVCLHVDKDKVSVFEFCACARKASSSLKM

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:500-1:2000

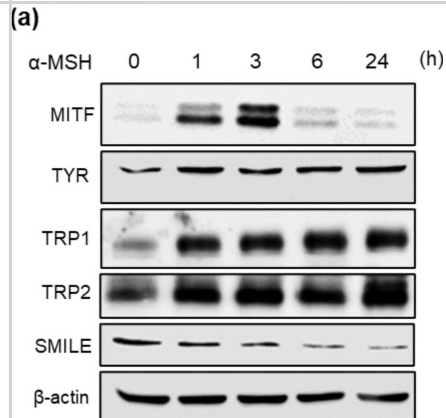


## Images

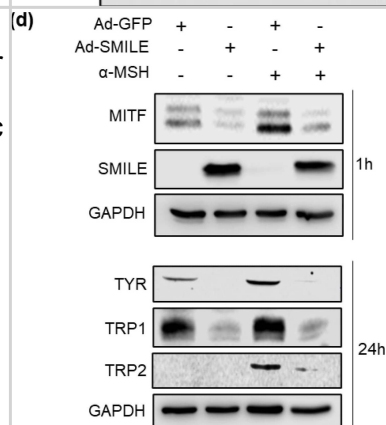
Western Blot: Zhangfei Antibody [NBP2-94859] - Analysis of extracts of various cell lines, using Zhangfei .Exposure time: 1s.



SMILE and MITF are reciprocally regulated by  $\alpha$ -MSH in B16F10 mouse melanoma cells. Cells were treated with 1  $\mu$ M  $\alpha$ -MSH in a time-dependent manner. (a) Protein levels of MITF, melanogenic enzymes, and SMILE. (b) mRNA levels of genes encoding SMILE and MITF. \*  $p < 0.05$  vs. no treatment of  $\alpha$ -MSH by one-way ANOVA. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36499416>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



SMILE overexpression downregulates the expression of melanogenic genes in B16F10 cells. Cells were infected with Ad-GFP or Ad-SMILE for 48 h and then, treated with 1  $\mu$ M  $\alpha$ -MSH for 1 h or 24 h. (a) Melanin contents. (b) Cellular tyrosinase activity. (c) mRNA levels of melanogenic genes. (d) Protein levels of SMILE and melanogenic genes. Data are mean  $\pm$  SEM. \*  $p < 0.05$  vs. Ad-GFP; # $p < 0.05$  vs. Ad-GFP +  $\alpha$ -MSH by one-way ANOVA (a). \*  $p < 0.05$  vs. Ad-GFP (b,c) by Student's t-test. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36499416>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.





### **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 NBP2-94859-0.1ml**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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.

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