

# Product Datasheet

## MafB Antibody (OTI1E9) NBP2-45718

Unit Size: 0.1 ml

Store at -20C. 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/NBP2-45718](http://www.novusbio.com/NBP2-45718)

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/NBP2-45718](http://www.novusbio.com/reviews/destination/NBP2-45718)



**NBP2-45718**

MafB Antibody (OT11E9)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11E9
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	35.6 kDa

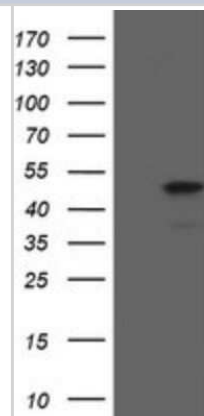
Product Description	
Description	Novus Biologicals Mouse MafB Antibody (OT11E9) (NBP2-45718) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-MafB Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9935
Gene Symbol	MAFB
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Human recombinant protein fragment corresponding to amino acids 32-320 of human MAFB (NP_005452) produced in E.coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin
Application Notes	Heat-induced epitope retrieval by 10mM citric buffer, pH 6.0, 100C for 10 min is recommended

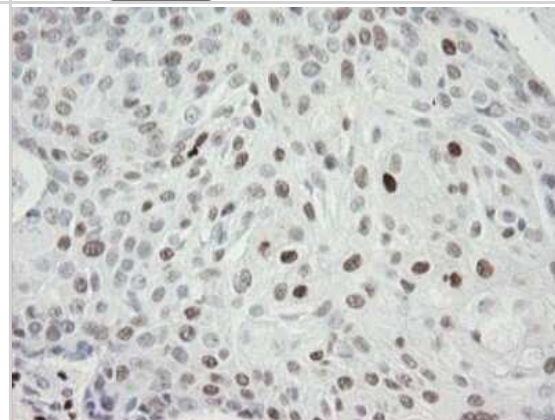


## Images

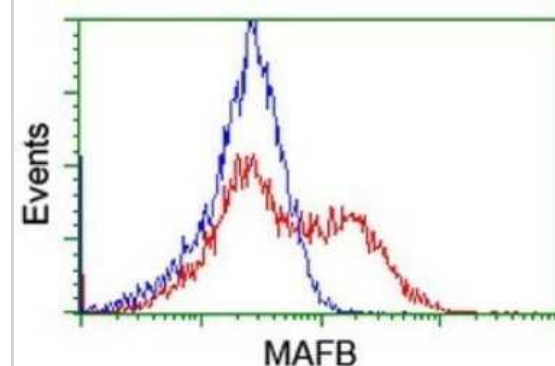
Western Blot: MafB Antibody (OT11E9) [NBP2-45718] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MAFB.



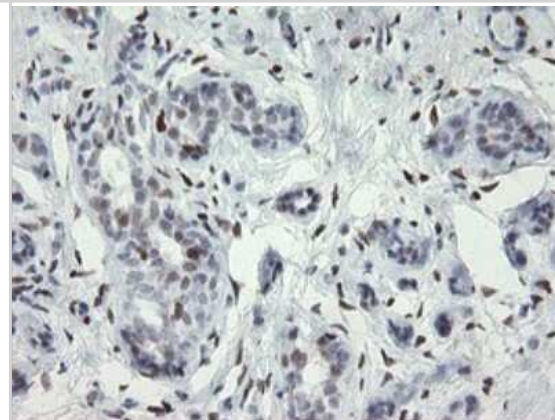
Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] - Analysis of Carcinoma of Human lung tissue.



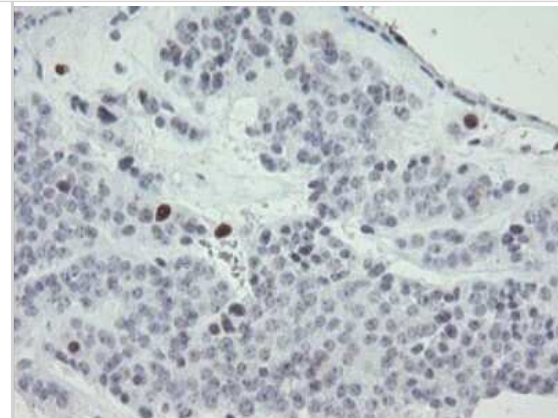
Flow Cytometry: MafB Antibody (OT11E9) [NBP2-45718] - Analysis of HEK293T cells transfected with either overexpress plasmid(Red) or empty vector control plasmid(Blue) were immunostained by MAFB antibody.



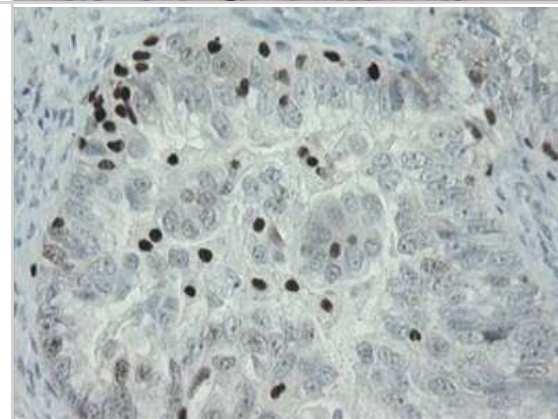
Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] - Analysis of Human breast tissue.



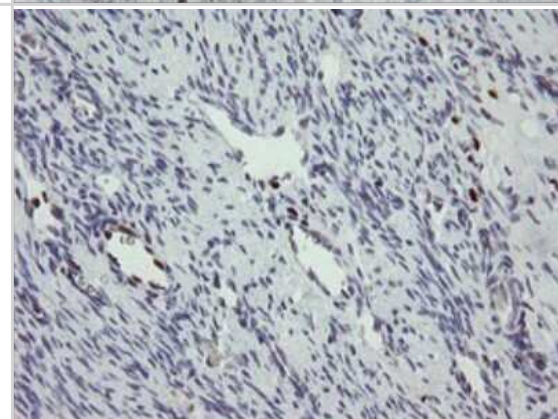
Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Carcinoma of Human pancreas tissue.



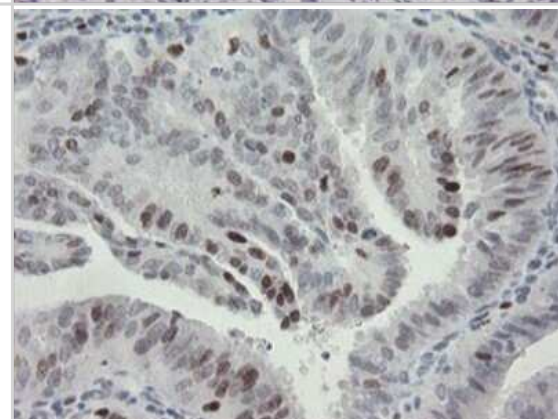
Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Adenocarcinoma of Human ovary tissue.



Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Human Ovary tissue.

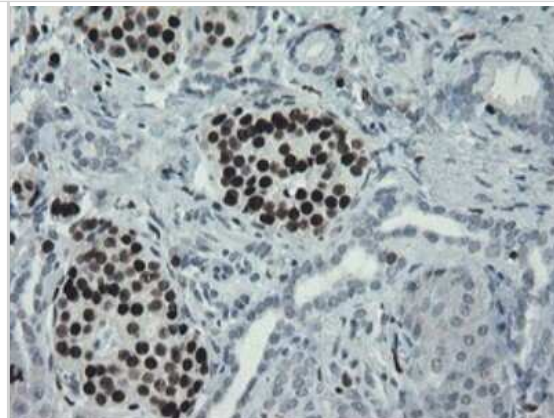


Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Adenocarcinoma of Human endometrium tissue.

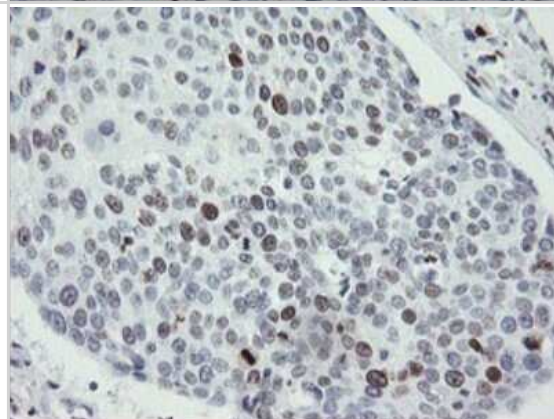




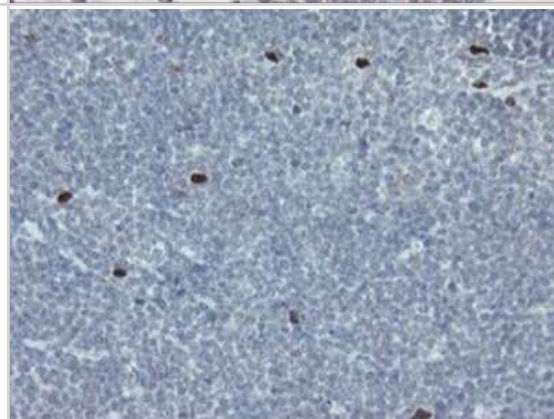
Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Human pancreas tissue.



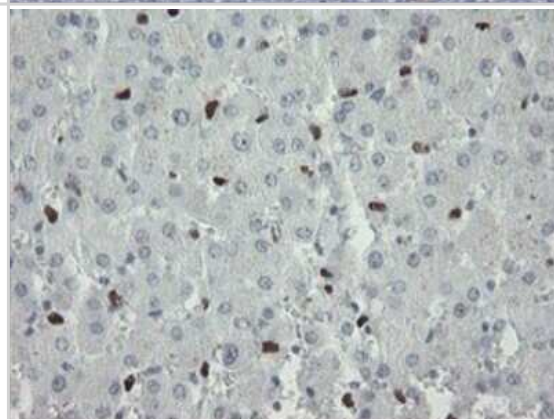
Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Carcinoma of Human bladder tissue.



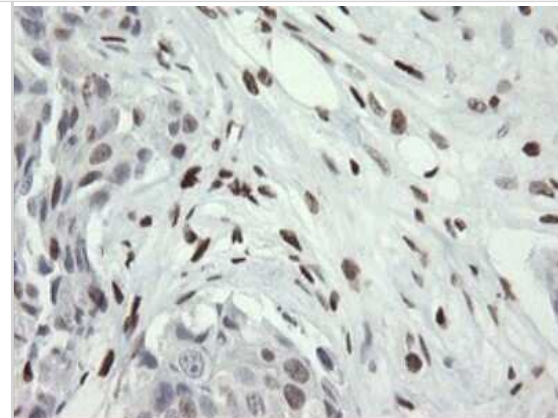
Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Human lymphoma tissue.



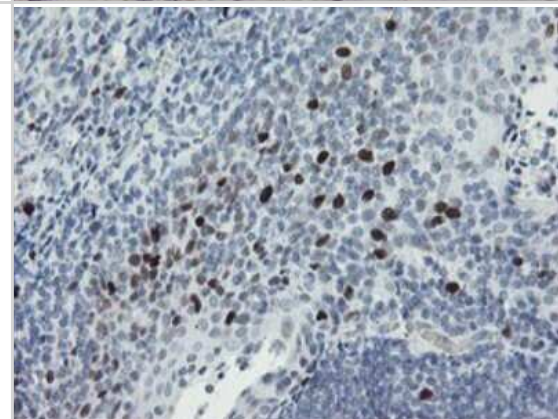
Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Human liver tissue.



Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Adenocarcinoma of Human breast tissue.



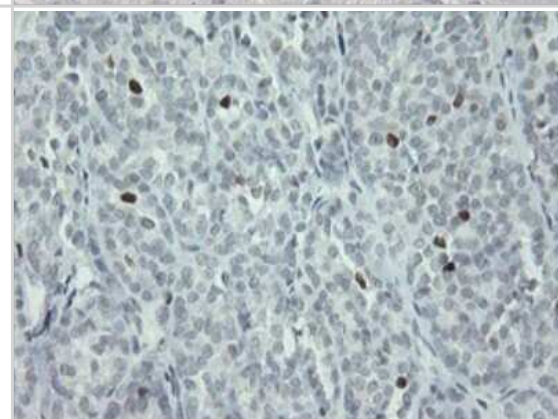
Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Human tonsil tissue.



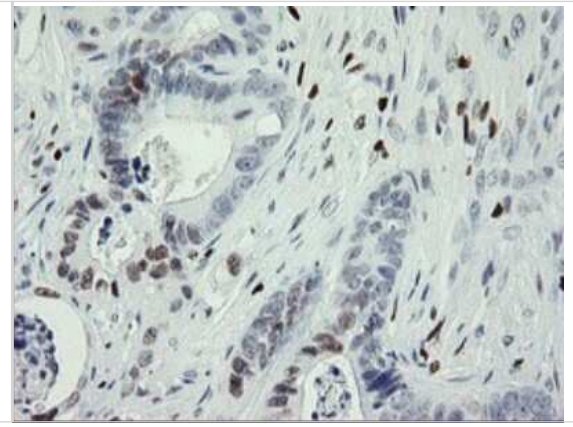
Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Human Kidney tissue.



Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Carcinoma of Human thyroid tissue.



Immunohistochemistry: MafB Antibody (OT11E9) [NBP2-45718] -  
Analysis of Adenocarcinoma of Human colon tissue.



## Publications

Hoenow S, Yan K, Noll J Et al. The Properties of Proinflammatory Ly6C(hi) Monocytes Are Differentially Shaped by Parasitic and Bacterial Liver Infections Cells 2022-08-26 [PMID: 36010615] (FLOW, Mouse)

Details:

Citation using the PerCP version of this 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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-45718**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
H00009935-P01-10ug	Recombinant Human MafB 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/NBP2-45718](http://www.novusbio.com/reviews/submit/NBP2-45718)

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

