

Product Datasheet

MafB Antibody NB600-266

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB600-266

MafB Antibody

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

Product Description	
Host	Rabbit
Gene ID	9935
Gene Symbol	MAFB
Species	Human, Mouse, Primate
Reactivity Notes	Primate reactivity reported in scientific literature (PMID: 26554594)
Immunogen	The immunogen recognized by this antibody maps to a region between residue 100 and 150 of mouse v-maf musculoaponeurotic fibrosarcoma oncogene homolog B using the numbering given in entry NP_034788.1

Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, Gel Super Shift Assays, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:2000, Chromatin Immunoprecipitation 1:10-1:500, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:100-1:500, Immunohistochemistry-Frozen 1:100-1:500, Gel Super Shift Assays 1:1-1:100
Application Notes	Previous lot has only been tested on paraffin sections but previously used applications are expected to work. These applications include: Chromatin Immunoprecipitation, Western Blot and Immunohistochemistry - paraffin and frozen. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 24327562)



Publications

Alcantara MC, Suzuki K, Acebedo AR et al. Androgen-regulated MafB drives cell migration via MMP11-dependent extracellular matrix remodeling in mice *iScience* 2022-12-01 [PMID: 36465133] (Mouse)

Russell R, Carnese PP, Hennings TG et al. Loss of the transcription factor MAFB limits beta-cell derivation from human PSCs *Nat Commun* 2020-06-02 [PMID: 32488111] (ICC/IF, Mouse)

Pere-Vedrenne C, He W, Azzi-Martin L et al. The Nuclear Remodeling Induced by Helicobacter Cytotolethal Distending Toxin Involves MAFB Oncoprotein Toxins (Basel) 2020-03-12 [PMID: 32178359] (Human)

Freeman S, Mateo SAnchez S, Pouyo R et al. Proteostasis is essential during cochlear development for neuron survival and hair cell polarity *EMBO Rep.* 2019-07-19 [PMID: 31321879]

Park So Jeong, Huh Jeong-Eun, Shin Jihye et al. Sirt6 coopeRates with Blimp1 to positively regulate osteoclast differentiation. *Scientific Reports* 2016-01-01 [PMID: 27189179] (WB, WB, Mouse)

Spaeth JM, Gupte M, Perelis M et al. Defining a Novel Role for the PDX1 Transcription Factor in Islet B Cell Maturation and Proliferation During Weaning Diabetes 2017-07-13 [PMID: 28705881] (Mouse)

Johnson NB, Posluszny JA, He LK et al. Perturbed MafB/GATA1 axis after burn trauma bares the potential mechanism for immune suppression and anemia of critical illness *J. Leukoc. Biol.* 2016-03-18 [PMID: 26992433] (WB, Mouse)

Conrad E, Dai C, Spaeth J et al. The MAFB transcription factor impacts islet a-cell function in rodents and represents a unique signature of primate islet b-cells. *Am. J. Physiol. Endocrinol. Metab.* 2016-01-01 [PMID: 26554594] (ICC/IF, Primate, Human)

Yu WM, Appler JM, Kim YH et al. A Gata3-Mafb transcriptional network directs post-synaptic differentiation in synapses specialized for hearing. *Elife* 2013-12-10 [PMID: 24327562] (ICC/IF, WB, IHC-Fr, Mouse)

Jakobsen JS, Waage J, Rapin N et al. Temporal mapping of CEBPA and CEBPB binding during liver regeneration reveals dynamic occupancy and specific regulatory codes for homeostatic and cell cycle gene batteries *Genome Res* 2013-04-01 [PMID: 23403033] (Chemotaxis, Mouse)





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

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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