

Product Datasheet

MITF Antibody (21D1418) - Azide and BSA Free NBP2-33229

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

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NBP2-33229

MITF Antibody (21D1418) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	21D1418
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse MITF Antibody (21D1418) - Azide and BSA Free (NB100-56561) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4286
Gene Symbol	MITF
Species	Human, Mouse, Rat
Specificity/Sensitivity	Mitf produces, by alternative splicing, 10 different transcripts, all with introns, putatively encoding 10 different protein isoforms. Therefore, observed molecular weights may vary depending on MITF isoforms expressed. Users are encouraged to utilize the peptide immunogen sequence to gain further information about the isoforms recognized by the antibody.
Immunogen	A synthetic peptide mapping to the 300-350 a.a. region of accession number O75030.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.1-5ug/ml, Immunohistochemistry 1:200, Immunohistochemistry-Paraffin 1:200



Images

Western Blot: MITF Antibody (21D1418) - Azide Free [NBP2-33229] - Analysis of HeLa lysate (35ug per lane, RIPA buffer) using MITF antibody (NB100-56561) at 0.1ug/ml. Band detected at ~60kDa. (Expected MW of 58.2kDa according to NP_937802.1).

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: MITF Antibody (21D1418) - Azide Free [NBP2-33229] - MITF Antibody (21D1418) [NB100-56561] - Analysis of a FFPE tissue section of human skin using 1:200 dilution of MITF (21D1418) antibody. The staining was developed using HRP labeled anti-rabbit secondary antibody and DAB reagent, and nuclei of cells were counter-stained with hematoxylin. General cytoplasmic staining appears enriched in melanocytes below the epidermis. Some nuclear reactivity is observed as well.



Western Blot: MITF Antibody (21D1418) - Azide Free [NBP2-33229] - Analysis of A375 lysate using MITF antibody at 4 ug/ml.

MW (kDa)
200 —
116 —
97 —
66 —
55 — MITF
36 —
31 —
21 —
14 —
6 —



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 NBP2-33229

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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