

Product Datasheet

TCIRG1 Antibody (6H3) - Azide and BSA Free H00010312-M01-100ug

Unit Size: 100 ug

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00010312-M01

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00010312-M01



H00010312-M01-100ug

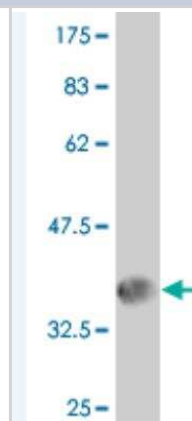
TCIRG1 Antibody (6H3) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6H3
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Ascites
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse TCIRG1 Antibody (6H3) - Azide and BSA Free (H00010312-M01) is a monoclonal antibody validated for use in IHC, WB and ELISA. Anti-TCIRG1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10312
Gene Symbol	TCIRG1
Species	Human, Mouse
Specificity/Sensitivity	TCIRG1 - T-cell, immune regulator 1, ATPase, H ⁺ transporting, lysosomal V0 subunit A3 (6H3)
Immunogen	TCIRG1 (AAH18133, 121 a.a. ~ 220 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QLHQLQLHAAVLRQGHEPQLAAAHTDGASERTPLLQAPGGPHQDLRVNFBVAG AVEPHKAPALERLLWRACRGFLIASFRELEQPLEHPVTGEPATWMTFL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
Application Notes	Antibody Reactive against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.



Images

Western Blot: TCIRG1 Antibody (6H3) [H00010312-M01] - Detection against Immunogen (36.74 KDa) .



Publications

Capo V, Penna S, Merelli I et al. Expanded circulating hematopoietic stem/progenitor cells as novel cell source for the treatment of TCIRG1 osteopetrosis. *Haematologica*. 2020-01-16 [PMID: 31949009]

X Xian, R Moraghebi, H Löfvall, A Fasth, K Henriksen, J Richter, NB Woods, I Moscatelli Generation of gene-corrected functional osteoclasts from osteopetrotic induced pluripotent stem cells *Stem Cell Res Ther*, 2020-05-15;11 (1):179. 2020-05-15 [PMID: 32414402]

Schinke T, Schilling AF, Baranowsky A et al. Impaired gastric acidification negatively affects calcium homeostasis and bone mass. *Nat Med*. 2009-06-01 [PMID: 19448635]

Henriksen K, Andreassen KV, Thudium CS et al. A specific subtype of osteoclasts secretes factors inducing nodule formation by osteoblasts. *Bone*. 2012-06-19 [PMID: 22722081]

Schulz N, Dave MH, Stehberger PA et al. Differential Localization of Vacuolar H⁺-ATPases Containing α 1, α 2, α 3, or α 4 (ATP6V0A1-4) Subunit Isoforms Along the Nephron. *Cell Physiol Biochem*;20(1-4):109-20. 2007-01-01 [PMID: 17595521]



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 H00010312-M01-100ug

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]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00010312-M01

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

