

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.

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H00010312-M01-100ug

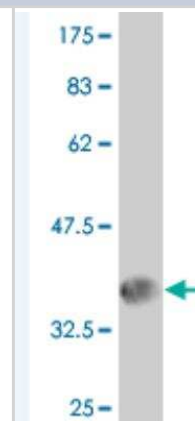
TCIRG1 Antibody (6H3) - Azide and BSA Free

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. QLHQLQLHAAVLRQGHEPQLAAAHDTGASERTPLLQAPGGPHQDLRVNFBVAG 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 $\alpha 1$, $\alpha 2$, $\alpha 3$, or $\alpha 4$ (ATP6V0A1-4) Subunit Isoforms Along the Nephron. *Cell Physiol Biochem*;20(1-4):109-20. 2007-01-01 [PMID: 17595521]



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Products Related to H00010312-M01-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00010312-Q01-10ug	Recombinant Human TCIRG1 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.

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