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Datasheet for ABIN6243315
anti-TCIRG1 antibody (AA 668-702)

2 Images

Overview

Quantity:	200 µL
Target:	TCIRG1
Binding Specificity:	AA 668-702
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCIRG1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This TCIRG1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 668-702 amino acids from the human region of human TCIRG1.
Clone:	RB57390
Isotype:	Ig Fraction
Predicted Reactivity:	H
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TCIRG1
Alternative Name:	TCIRG1 (TCIRG1 Products)

Target Details

Background:	Part of the proton channel of V-ATPases (By similarity). Seems to be directly involved in T-cell activation.
Molecular Weight:	92968
UniProt:	Q13488
Pathways:	Transition Metal Ion Homeostasis , Proton Transport

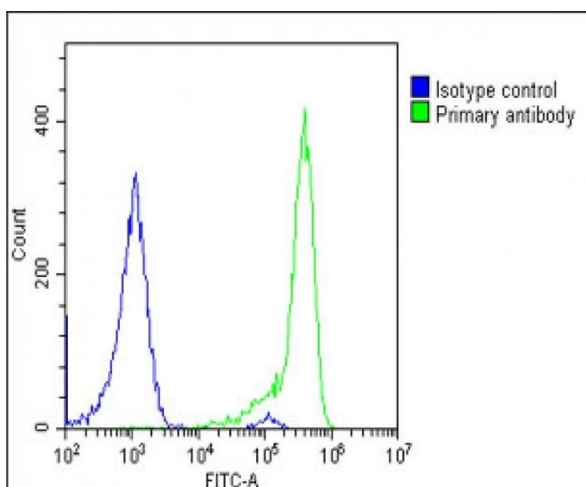
Application Details

Application Notes:	WB: 1:2000. FC: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

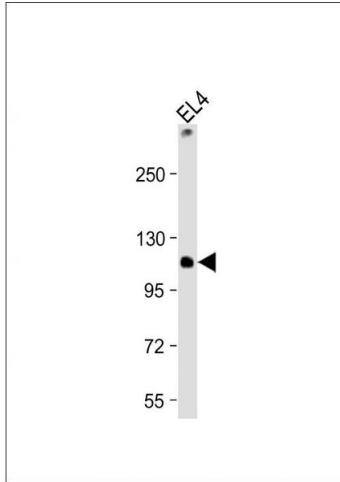
Images



Flow Cytometry

Image 1. Overlay histogram showing U-2 OS cells stained with (ABIN6243315 and ABIN6578853)(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6243315 and ABIN6578853), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-

Adsorbed(OE188374) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 μg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. Anti-TCIRG1 Antibody (C-Term) at 1:2000 dilution + EL4 whole cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 93 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.