Datasheet for ABIN654913

anti-IGHG1 antibody (AA 154-180)

3 Images

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Overview

Quantity:	400 µL
Target:	IGHG1
Binding Specificity:	AA 154-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGHG1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This IGHG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 154-180 amino acids from the Central region of human IGHG1.
Clone:	RB21766
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	IGHG1
Alternative Name:	IGHG1 (IGHG1 Products)
Molecular Weight:	36106

Target Details

UniProt:	P01857

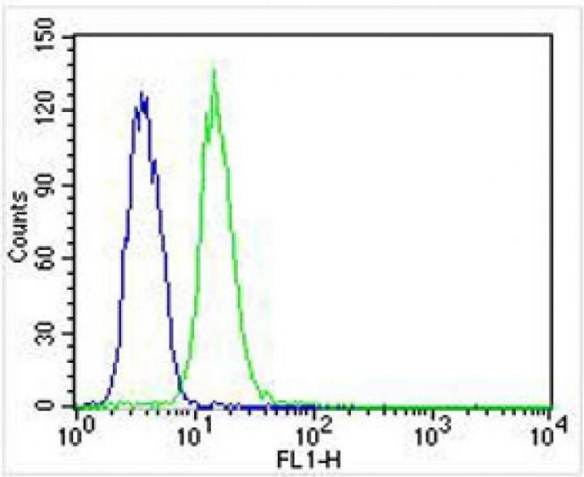
Application Details

Application Notes:	WB: 1:2000. 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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

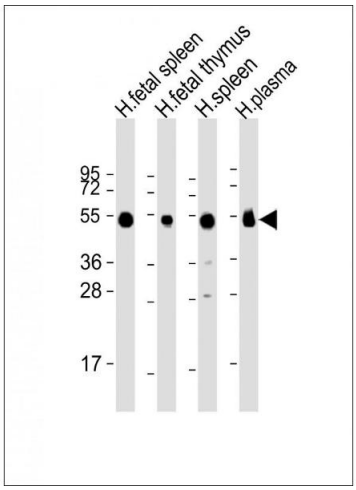
Images



Flow Cytometry

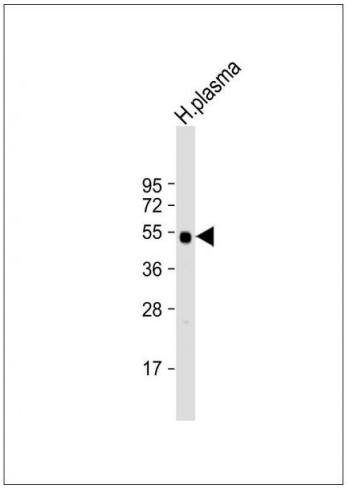
Image 1. Overlay histogram showing HL-60 cells stained with (ABIN654913 and ABIN2844559) (green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN654913 and ABIN2844559), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(NA168821) at 1/400 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG (1 µg/1x10^6 cells) used under the same conditions. Acquisition

of >10, 000 events was performed.



Western Blotting

Image 2. All lanes : Anti-IGHG1 Antibody (Center) at 1:2000 dilution Lane 1: human fetal spleen lysate Lane 2: human fetal thymus lysate Lane 3: human spleen lysate Lane 4: human plasma lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Anti-IGHG1 Antibody (Center) at 1:2000 dilution + human plasma lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.