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Datasheet for ABIN655307

anti-RAB12 antibody (N-Term)

3 Images

Overview

Quantity:	400 µL
Target:	RAB12
Binding Specificity:	AA 63-92, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB12 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This RAB12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 63-92 amino acids from the N-terminal region of human RAB12.
Clone:	RB29057
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RAB12
Alternative Name:	RAB12 (RAB12 Products)

Target Details

Molecular Weight:	27248
Gene ID:	201475
NCBI Accession:	NP_001020471
UniProt:	Q6IQ22

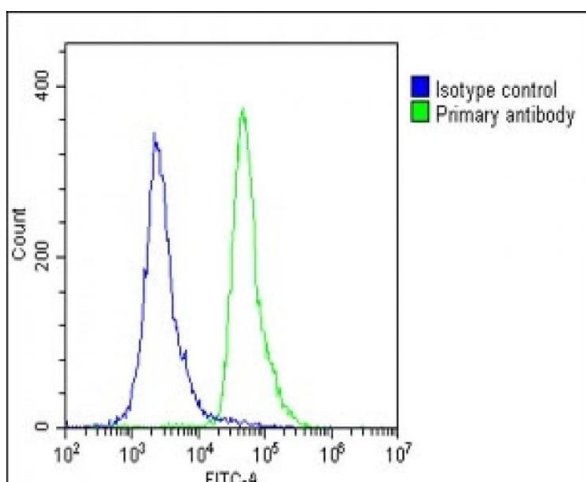
Application Details

Application Notes:	WB: 1:2000. WB: 1:1000. 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

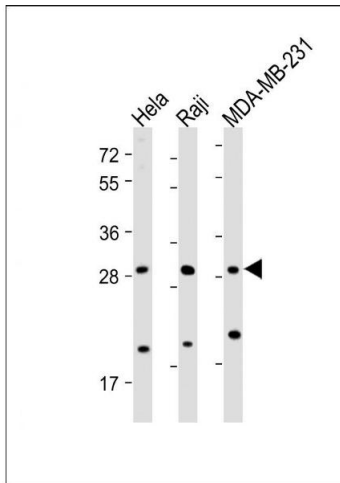
Images



Flow Cytometry

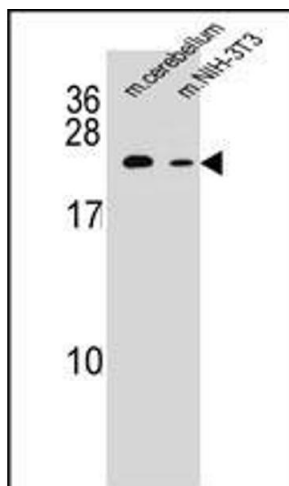
Image 1. Overlay histogram showing U-2 OS cells stained with (ABIN655307 and ABIN2844889)(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN655307 and ABIN2844889), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-

Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) 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. All lanes : Anti-RAB12 Antibody (N-term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: Raji whole cell lysate Lane 3: MDA-MB-231 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 : 27 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. RAB12 Antibody (N-term) (ABIN655307 and ABIN2844889) western blot analysis in mouse cerebellum tissue and mouse NIH-3T3 cell line lysates (35 µg/lane). This demonstrates the RAB12 antibody detected the RAB12 protein (arrow).