Datasheet for ABIN654092

anti-BACH2 antibody (C-Term)

3 Images | 1 Publication

Go to Product page

Overview

Quantity:	400 µL
Target:	BACH2
Binding Specificity:	AA 815-841, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BACH2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This BACH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 815-841 amino acids from the C-terminal region of human BACH2.
Clone:	RB21865
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	BACH2
Alternative Name:	BACH2 (BACH2 Products)
Molecular Weight:	92537

Target Details

Gene ID:	60468
NCBI Accession:	NP_001164265, NP_068585
UniProt:	Q9BYV9

Application Details

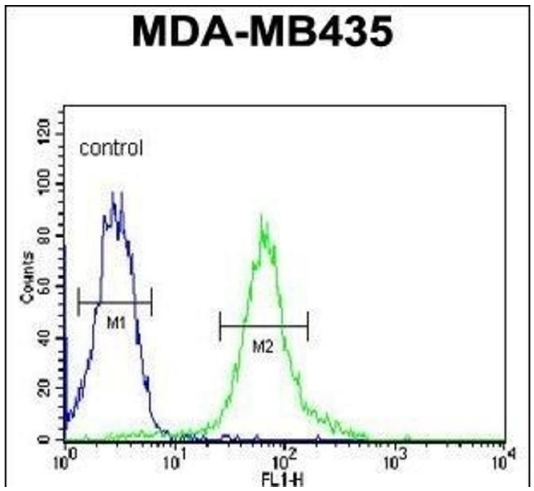
Application Notes:	WB: 1:2000. FC: 1:25. FC: 1:10~50
Restrictions:	For Research Use only

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

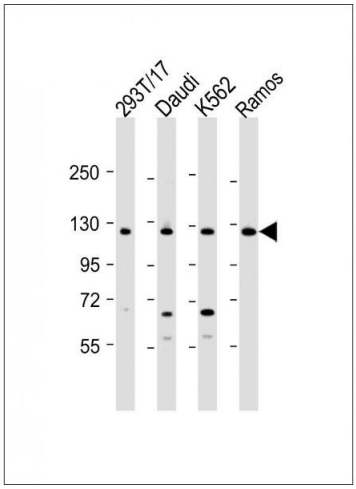
Publications

Product cited in:	Hu, Chen: "A genome-wide regulatory network identifies key transcription factors for memory CD8 T-cell development." in: **Nature communications**, Vol. 4, pp. 2830, (2014) (PubMed).



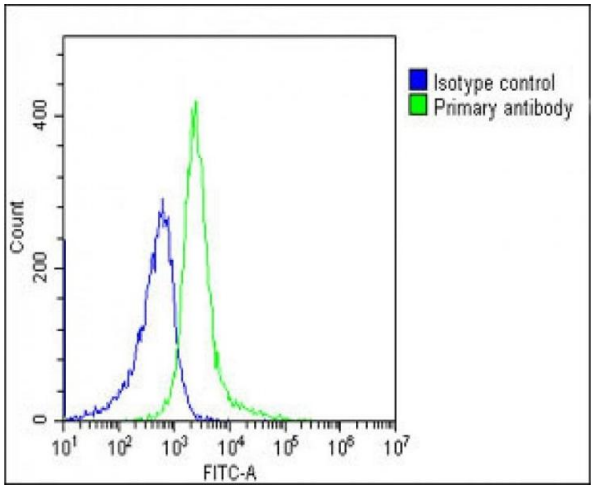
Flow Cytometry

Image 1. BACH2 Antibody (C-term) (ABIN654092 and ABIN2843978) flow cytometric analysis of MDA-M cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. All lanes : Anti-BACH2 Antibody (C-term) at 1:2000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: Daudi whole cell lysate Lane 3: K562 whole cell lysate Lane 4: Ramos 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 % NFDM/TBST.



Flow Cytometry

Image 3. Overlay histogram showing Ramos cells stained with (ABIN654092 and ABIN2843978)(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 ((ABIN654092 and ABIN2843978), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.